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Ernst Wildhaber (Dipl.Masch.-Ing.ETH, Erfinder)

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Publication Date:

1985

Permanent Link:

<https://doi.org/10.3929/ethz-a-000336451> →

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Ernst Wildhaber

ERNST WILDHABER

(1892 - 1979)

Dipl.Masch.-Ing.ETH, Erfinder

Hs 1047:

227. Abbildung bei Gasen u. hydrodynamisches Verhalten der Verzahnung.
1 Doss.
174. Adjustable friction drive. 1 Doss.
171. Adjustable ratio friction drive. 1 Doss.
122. Adjustment of spiral bevel gears. 1 Doss.
34. Angular drive arrangement. 2 Doss.
112. Angular gear drive. 2 Doss.
204. Automatic transmission. 1 Doss.
172. Axle drive. 2 Doss.
220. Axles. 1 Doss.
180. Bearings. 1 Doss.
134. Bevel gear differential. 2 Doss.
231. Bevel gears. 1 Doss.
98. Biographisches über E. Wildhaber. 6 Doss.
181. Blade pitch adjustments. 2 Doss.
129. British appl. 1 Doss.
138. Cam-Type differential. 2 Doss.
83. Coarse-pitch gear coupling. 1 Doss.
109. Correcting wormgear. 2 Doss.
100. Correspondence. 3 Doss.
71. Coupling. 3 Doss.
176. Curtiss-Wright Corporation an E.W. 1 Doss.
123. Curvature radii of roll curves. 1 Doss.
229. Cutter. 1 Doss.
137. Cutting gears. 1 Doss.
147. Cutting helical gears. 2 Doss.
135. Cutting screw pumps. 1 Doss.
194. Cutting tools. 1 Doss.
201. Cutting tools for generating noninvolute gears and gear shaped articles.
1 Doss.
131. Differential. 5 Doss.
221. Differential gears. 1 Doss.
214. Differential mechanisms. 2 Doss.
56. Differential-type planetary gearing. 1 Doss.
233. Diplomarbeit E.W. 1 Bd.
162. Discussion of the Wildhaber paper. 1 Doss.
5. Double face gear. 1 Doss.

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- 97. Engine with two coaxial rotors. 1 Doss.
- 95. Engineering report. 4 Doss.
- 108. Enveloping worm gearing. 7 Doss.
- 164. Equalizer. 3 Doss.
- 166. Equalizer for distributing power flow to plurality of parallel channels. 1 Doss.
- 107. Face hob and method of hobbing straight-tooth bevel gears. 2 Doss.
- 223. "F.J." worm gear. 1 Doss.
- 133. Flenders (Niemann) worm system. 1 Doss.
- 3. Flexible-disk coupling. 7 Doss.
- 161. Flexible seal. 1 Doss.
- 152. Flexible seal for universal joint. 1 Doss.
- 6. Flexing-disk coupling. 2 Doss.
- 103. Foreign applications. 1 Doss.
- 125. Foreign German, Swiss (Patents and applications). 1 Doss.
- 92. Form cutting cylindrical gears. 1 Doss.
- 90. Form-cutting teeth. 1 Doss.
- 77. Form-cutting tool. 4 Doss.
- 155. Form-shapping I. 1 Doss.
- 153. Form-shapping, A. 1 Doss.
- 113. Form-shapping, B. 1 Doss.
- 124. Friction. 3 Doss.
- 173. Friction drive. 4 Doss.
- 149. Fuel tank filling apparatus with automatik shut-off. 1 Doss.
- 203. Gas burners. 1 Doss.
- 116. Gear. 1 Doss.
- 1. Gear box for tractor chains. 3 Doss.
- 57. Gear coupling. 16 Doss.
- 21. Gear coupling and method and means for producing the same. 1 Doss.
- 59. Gear coupling members. 2 Doss.
- 55. Gear drive. 5 Doss.
- 47. Gear drive with axial overlapping gears. 2 Doss.
- 46. Gear drive with coaxial input and output members. 2 Doss.
- 58. Gear drive with plurality of equal gears connecting coaxial drive and driven gears. 1 Doss.
- 76. Gear drive with worm gearing. 2 Doss.
- 126. Gear making. 1 Doss.

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- 65. Gear tooth shape. 2 Doss.
- 191. Gearing. 4 Doss.
- 48. Gearing (planetary). 5 Doss.
- 141. Gearing with tapered pinion. 2 Doss.
- 121. Gearless differential. 3 Doss.
- 212. Gears. 1 Doss.
- 54. Gear-shaped cutter. 1 Doss.
- 156. Gear-shapping process. 1 Doss.
- 128. German applications. 1 Doss.
- 165. Gleason Works an E. W. 1 Doss.
- 168. Grinding helical gears. 1 Doss.
- 169. Grinding helicoids. 1 Doss.
- 208. Gripping devices. 1 Doss.
- 232. Gunner an E.W. + Varia. 1 Doss.
- 115. Helical gearing. 3 Doss.
- 4. Helical springy coupling. 2 Doss.
- 24. Hob. 3 Doss.
- 67. Hob, and method and means for using the same. 2 Doss.
- 72. Hob and method of sharpening hobs. 1 Doss.
- 132. Hob checking. 1 Doss.
- 119. Hob relieving. 1 Doss.
- 8. Hobs and means for cutting cylindrical gears therewith. 1 Doss.
- 167. Hobs and method of relieving the same. 1 Doss.
- 224. Hydrodynamics etc. 1 Doss.
- 225. Hydrodynamisches Verhalten von Evolventenschraubenzähnen. 1 Doss.
- 110. Hypoid gearing. 4 Doss.
- 205. Improvement in method of transmitting pictures and facsimile telegrams.
1 Doss.
- 27. Indexing drive. 2 Doss.
- 79. Indexing mechanism. 4 Doss.
- 106. Inertia member. 2 Doss.
- 170. Laminated mounting. 1 Doss.
- 96. Lemniscate. 1 Doss.
- 148. Locking differential. 2 Doss.
- 163. Locking differential with rollers. 2 Doss.
- 136. Maag-Zahnräder an E. W. 2 Doss.
- 73. Machine for cutting spiral teeth. 2 Doss.
- 81. Machine for milling the tubs of gear coupling. 1 Doss.

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- 186. Means for presenting pictures. 1 Doss.
- 151. Mechanical motion mechanism. 2 Doss.
- 88. Method and apparatus for cutting gears. 2 Doss.
- 38. Method and apparatus for cutting toothed articles. 1 Doss.
- 143. Method and apparatus for finishing toothed face couplings and the like,
and toothed face coupling. 2 Doss.
- 139. Method and apparatus for grinding gears. 1 Doss.
- 140. Method and apparatus for producing helical gears. 1 Doss.
- 26. Method and apparatus for scanning characters. 1 Doss.
- 74. Method and machine for producing hourglass worms with rotating tools
and tooth shape produced thereby. 1 Doss.
- 37. Method and machine for producing teeth and threads in enveloping members.
2 Doss.
- 51. Method and means for crowning teeth. 1 Doss.
- 89. Method and means for cutting spiral teeth. 1 Doss.
- 41. Method and means for producing teeth and lobes. 2 Doss.
- 87. Method for form-cutting teeth on non-cylindrical blanks. 1 Doss.
- 14. Method of and means for generating gear teeth. 2 Doss.
- 114. Method of and means for perfecting gears and gear shaped articles. 1 Doss.
- 117. Method of grinding gears. 1 Doss.
- 85. Method of producing hourglass worms and hourglass hobs. 1 Doss.
- 80. Method of relieving hobs. 2 Doss.
- 185. Methods and apparatus for projecting pictures. 1 Doss.
- 192. Methods and means for forming gears. 1 Doss.
- 188. Methods and means for transmitting facsimiles. 1 Doss.
- 197. Methods of and devices for forming cutting tools. 1 Doss.
- 189. Methods of and means for abrading gears. 1 Doss.
- 187. Methods of and means for cutting gears. 1 Doss.
- 190. Methods of and means for projecting pictures. 2 Doss.
- 202. Methods of and means for protecting gears and gear shaped articles.
1 Doss.
- 216. Methods of cutting gear teeth. 1 Doss.
- 193. Methods of cutting gears. 1 Doss.
- 206. Methods of emitting radio signals. 1 Doss.
- 211. Methods of forming gears. 1 Doss.
- 199. Methods of grinding gears. 1 Doss.
- 210. Methods of grinding relief on tools. 1 Doss.
- 195. Methods of producing audible pictures. 1 Doss.
- 183. Methods of receiving pictures. 1 Doss.

Hs 1047:

- 120. Michigan Tool Company an E. W. 2 Doss.
- 230. Milling involute gears with helical teeth. 1 Doss.
- 146. Notes on the Japanese giromatic machine and process of Dr. Shinjo.
1 Doss.
- 102. Novikov. 1 Doss.
- 19. Optical scanner. 6 Doss.
- 118. Optical scanner related to data processing and computer field.
1 Doss.
- 23. Optical scanner with laser. 3 Doss.
- 15. Optical scanner with single optical head. 3 Doss.
- 25. Optical scanner with straight scanning line. 2 Doss.
- 17. Optical scanning apparatus. 4 Doss.
- 35. Optical scanning arrangement. 1 Doss.
- 40. Optical scanning disposition. 2 Doss.
- 36. Parallel shaft coupling. 2 Doss.
- 207. Pencil sharpeners. 1 Doss.
- 196. Photographic cameras. 1 Doss.
- 13. Planetary gear box royalties. 1 Doss.
- 52. Planetary motion mechanism. 1 Doss.
- 217. Planetary transmissions. 1 Doss.
- 84. Poole Foundry & Machine Co. an E. W. 1 Doss.
- 60. Positive displacement machine. 2 Doss.
- 64. Positive-displacement thermal unit. 1 Doss.
- 61. Positive displacement Unit. 3 Doss.
- 7. Positive-displacement unit with coaxial rotors. 5 Doss.
- 198. Projection screens. 1 Doss.
- 178. Propeller blade retention. 2 Doss.
- 33. Ray typewriter. 2 Doss.
- 2. Reciprocating-piston machine. 1 Doss.
- 30. Record for machine scanning. 5 Doss.
- 9. Reduction gear with single planet. 1 Doss.
- 62. Reliance Electric & Engineering Co. an E. W. 1 Doss.
- 182. Roller bearing. 2 Doss.
- 45. Rolling tapered gears. 1 Doss.
- 29. Rotary cutter for cutting teeth. 2 Doss.
- 28. Rotary cutter with helically directed cutting teeth in a circle.
2 Doss.
- 213. Rotary engines. 1 Doss.
- 184. Rotary gear cutting tools. 1 Doss.
- 63. Rotary gear-shaphet tool 2 Doss.

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- 66. Rotary gear-shaped tool for profecting gears and method and means for using the same. 1 Doss.
- 200. Rotary members for forming gears. 1 Doss.
- 16. Rotary positive displacement unit. 1 Doss.
- 111. Rotary screw unit for displacing fluid. 2 Doss.
- 18. Rotor pair for positive fluid displacement. 1 Doss.
- 42. Rotor with helical teeth for displacing compressible fluid. 1 Doss.
- 50. S B gears. 1 Doss.
- 32. Scanning with laser. 1 Doss.
- 215. Schraubengetriebe mit parallelen Achsen. 1 Doss.
- 68. Screw pump unit. 2 Doss.
- 130. Screw Pumps. 2 Doss.
- 127. Semi-bocking spur differential. 1 Doss.
- 218. Senders for picture transmission and sending pictures and the like. 1 Doss.
- 101. Sidler, E. an E.W. 2 Doss.
- 44. Sier - Bath correspondence. 6 Doss.
- 94. Sier-Bath and mills. 1 Doss.
- 75. Sier-Bath (Patents). 1 Doss.
- 93. Sier-Bath screw pumps. 2 Doss.
- 86. Simple constant-velocity universal joint. 1 Doss.
- 69. Sinoidal rack profile. 1 Doss.
- 82. Special gear coupling. 1 Doss.
- 226. Spezialfall von Ernsts Verzahnung. 1 Doss.
- 219. Spheroid gearing. 1 Doss.
- 157. Spiral face gear. 1 Doss.
- 144. Spring device. 1 Doss.
- 142. Spring mechanism. 1 Doss.
- 145. Spur gear shaving with single-position shaving cutters. 1 Doss.
- 104. Steering. 2 Doss.
- 179. Steering mechanism. 1 Doss.
- 159. Steering mechanism with double reduction gears. 1 Doss.
- 160. Steering mechanism with fluid snubbing means. 1 Doss.
- 91. Stroke mechanism. 1 Doss.
- 99. Surface curvature. 8 Doss.
- 31. Tangear. 2 Doss.
- 78. Threaded rotary member for generating spur and helical gear and means for using the same. 2 Doss.
- 70. Toothed coupling. 6 Doss.

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- 105. Toothed member. 1 Doss.
- 209. Transmission. 2 Doss.
- 12. Trochoidal Gear Technology inc. an E.W. 1 Doss.
- 222. Turbo gears. 1 Doss.
- 10. Twin channel reduction drive with electric motor. 1 Doss.
- 20. Typewriter for optical scanning records. 1 Doss.
- 11. Unit with two coaxial rotors. 1 Doss.
- 39. Universal joint. 32 Doss.
- 158. Universal join drive. 5 Doss.
- 177. Valveless type rotary power unit. 1 Doss.
- 175. Variable stroke engines. 2 Doss.
- 43. Varicrow gear coupling. 1 Doss.
- 49. Wildhaber, E. (Inventions). 1 Doss.
- 228. Worm. 1 Doss.
- 53. Worm gearing. 5 Doss.
- 154. Yielding roller. 1 Doss.
- 150. Z-differential. 3 Doss.
- 22. Zahnrad-Kupplungen. 1 Doss.
- Varia. 36 Doss.