

Title (en)

RATCHET AND TOOLS INCORPORATING A RATCHET

Publication

EP 0086082 A3 19840822 (EN)

Application

EP 83300535 A 19830202

Priority

- GB 8203215 A 19820204
- GB 8203216 A 19820204
- GB 8227947 A 19820930

Abstract (en)

[origin: EP0086082A2] In order to provide a ratchet which can be made from inexpensive parts, it comprises a pair of discs (5 and 6) having ramps (5a, 6a) upset from a peripheral zone of the discs and terminating in shoulders (5b, 6b). The discs are loaded together by a spring 9 which enables the drive to be transmitted via the faces of the ramps (5 and 6) up to a predetermined limit before the discs separate and the ratchet clicks over. In the opposite direction the drive is transmitted through the shoulders (5b, 6b), which may then be inclined to provide a torque limitation. The ratchet may for example be used in wheel braces (as illustrated in Figure 1) or in spark plug spanners.

IPC 1-7

B25B 23/142; **B25B 13/46**

IPC 8 full level

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CPC (source: EP)

B25B 13/466 (2013.01); **B25B 13/467** (2013.01); **B25B 23/141** (2013.01); **B25B 23/142** (2013.01)

Citation (search report)

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