

Title (en)
Power driven screwdriver with overload release coupling

Title (de)
Kraftgetriebener Schrauber mit Drehmomentbegrenzungskupplung

Title (fr)
Tournevis motorisé avec ACCOUPLEMENT LIMITEUR DE COUPLE

Publication
EP 1260320 B1 20080227 (DE)

Application
EP 02010517 A 20020510

Priority
DE 10124573 A 20010514

Abstract (en)
[origin: DE10124573A1] The torque limitation coupling has two parts (96,90), loaded by a spring (94), and a roller body moving between the parts. The body is formed as a roller (104) located floating on a shaft (106) held on the first coupling part. The shaft defines a roller axis, which is at a distance to the longitudinal axis of the first coupling part. The shortest possible distance is between 5% and 15%, preferably between 9% and 11%, of the distance between the center of the roller and the longitudinal axis.

IPC 8 full level
B25B 23/147 (2006.01); **B25B 23/14** (2006.01)

CPC (source: EP)
B25B 23/141 (2013.01); **B25B 23/147** (2013.01)

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