

Title (en)
POWER-DRIVEN SCREW DRIVER

Publication
EP 0178252 B1 19880525 (DE)

Application
EP 85810344 A 19850725

Priority
DE 3432382 A 19840903

Abstract (en)
[origin: ES8701007A1] In a motor-driven screw driving device, a drive unit and a drive member are located within a housing and are interconnected by a torque-limiting coupling. The coupling is adjustable by changing the force applied to a spring element. The spring element is supported within a stop sleeve located within the housing and the stop sleeve is axially displaceable relative to the housing. A depth stop on the drive spindle is adjustable relative to the stop sleeve. An actuating sleeve accessible on the exterior of the screw driving device affords the adjustment of the stop sleeve and the depth stop. A connecting element is secured to the actuating sleeve and is in engagement with the depth stop so that the actuating sleeve and depth stop can be rotated as a unit. The connecting element is selectively engageable with the stop sleeve so that the actuating sleeve and stop sleeve can be rotated as a unit for adjusting the torque-limiting coupling.

IPC 1-7
B25B 21/00; **B25B 23/14**

IPC 8 full level
B25B 21/00 (2006.01); **B25B 23/00** (2006.01); **B25B 23/14** (2006.01); **B25B 23/157** (2006.01)

CPC (source: EP US)
B25B 23/0064 (2013.01 - EP US); **B25B 23/141** (2013.01 - EP US)

Citation (examination)
Typ 1410.7 entsprechend BOSCH Katalog EW-WEB 1/130 (2B4) H

Cited by
FR2646118A1; DE19809133B4; US5025903A; EP0523477A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0178252 A2 19860416; **EP 0178252 A3 19860709**; **EP 0178252 B1 19880525**; AT E34529 T1 19880615; AU 4641185 A 19860313; AU 573150 B2 19880526; CA 1276818 C 19901127; DE 3432382 A1 19860313; DE 3562872 D1 19880630; DK 156885 B 19891016; DK 156885 C 19900409; DK 399685 A 19860304; DK 399685 D0 19850902; ES 546682 A0 19861116; ES 8701007 A1 19861116; FI 80397 B 19900228; FI 80397 C 19900611; FI 853353 A0 19850902; FI 853353 L 19860304; JP H0536194 B2 19930528; JP S6165785 A 19860404; NO 161544 B 19890522; NO 161544 C 19890830; NO 853449 L 19860304; US 4630512 A 19861223; YU 130985 A 19880630; YU 44568 B 19901031

DOCDB simple family (application)
EP 85810344 A 19850725; AT 85810344 T 19850725; AU 4641185 A 19850819; CA 489632 A 19850829; DE 3432382 A 19840903; DE 3562872 T 19850725; DK 399685 A 19850902; ES 546682 A 19850903; FI 853353 A 19850902; JP 19215585 A 19850902; NO 853449 A 19850902; US 77197585 A 19850903; YU 130985 A 19850816