

Title (en)

CLUTCH DEVICE FOR A POWER TOOL AND POWER TOOL

Title (de)

KUPPLUNGSVORRICHTUNG FÜR EINE WERKZEUGMASCHINE UND WERKZEUGMASCHINE

Title (fr)

DISPOSITIF D'ACCOUPLEMENT POUR UNE MACHINE-OUTIL ET MACHINE-OUTIL

Publication

**EP 2303515 A1 20110406 (DE)**

Application

**EP 08874779 A 20081127**

Priority

- EP 2008066323 W 20081127
- DE 102008002591 A 20080624

Abstract (en)

[origin: WO2009156006A1] The invention relates to a clutch device (44, 45, 344, 345, 544, 546) having a central clutch shaft (46, 346, 546), comprising at least two clutch means (51a, 51b, 351a, 351b, 551a, 551b) transmitting a maximum limit torque between an input side and an output side of the clutch device (44, 45, 344, 345, 544, 546). Each of the at least two clutch means (51a, 51b, 351a, 351b, 551a, 551b) comprises a clutch disc (84, 85, 384, 385, 584, 585) having at least one elastic catch element (93, 93a, 93b, 393, 393a, 393b, 593, 593a, 593b) and at least one associated catch profile (89, 89a, 89b, 389, 389a, 389b, 589, 589a, 589b). The invention proposes that the central clutch shaft (46, 346, 546) comprises a torque selection device (97, 397, 597) by means of which at least one of the clutch means (51a, 51b, 351a, 351b, 551a, 551b) can selectively be operationally connected to the input side and the output side of the clutch device (44, 45, 344, 345, 544, 545).

IPC 8 full level

**B25D 16/00** (2006.01)

CPC (source: EP)

**B25D 16/003** (2013.01); **F16D 7/048** (2013.01); **F16D 7/10** (2013.01); **B25D 2211/003** (2013.01); **B25D 2250/005** (2013.01); **B25D 2250/165** (2013.01)

Citation (search report)

See references of WO 2009156006A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**DE 102008002591 A1 20091231**; EP 2303515 A1 20110406; WO 2009156006 A1 20091230

DOCDB simple family (application)

**DE 102008002591 A 20080624**; EP 08874779 A 20081127; EP 2008066323 W 20081127