

Title (en)
Power drill, screwing machine or percussive drill

Title (de)
Bohr-, Bohrschraub- oder Schlagbohrmaschine

Title (fr)
Perceuse, visseuse ou perceuse à percussion

Publication
EP 0878272 B1 20000719 (DE)

Application
EP 98104757 A 19980317

Priority
DE 19719923 A 19970513

Abstract (en)
[origin: EP0878272A1] A motor axle (M) for driving the tool drive spindle runs inclined to it and is coupled with it by an angular gearing which has a bevel wheel (14) mounted coaxial with the tool drive spindle (5) which extends through the bevel wheel. The bevel wheel drives the spindle through a gearing (19) mounted in the housing behind the bevel wheel. The teeth (13) of the bevel wheel are directed forwards. The gearing is preferably a planetary gearing whose sun wheel (20) and planetary supports run coaxial with the drive spindle with the bevel wheel driving the sun wheel.

IPC 1-7
B25D 16/00; **B25F 5/00**

IPC 8 full level
B25D 16/00 (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)
B25D 16/00 (2013.01); **B25D 2211/003** (2013.01); **B25D 2211/064** (2013.01)

Cited by
EP0995551A3; EP1312448A1; GB2433716A; WO2012084316A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0878272 A1 19981118; **EP 0878272 B1 20000719**; DE 19719923 A1 19981119; DE 19719923 C2 19990318; DE 59800203 D1 20000824

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EP 98104757 A 19980317; DE 19719923 A 19970513; DE 59800203 T 19980317