

Title (en)
DRILLING DEVICE

Publication
EP 0211801 B1 19890927 (DE)

Application
EP 86810260 A 19860611

Priority
DE 3527091 A 19850729

Abstract (en)
[origin: US4825961A] In a drilling device, a tool mounted in the device can be selectively switched from right-hand rotation to left-hand rotation. The tool can be connected to an output shaft on which two conical gear wheels are mounted in spaced relation so that they can be rotated in opposite directions around the output shaft. The teeth on the conical gear wheels face one another and are in meshed engagement with gear teeth on a drive shaft. A coupling part is slidably displaceably mounted on the output shaft and can be engaged with one or the other of the conical gear wheels. The coupling part is secured on the output shaft so that as it is rotated by one or the other conical gear wheels, in turn, it rotates the output shaft in the desired direction.

IPC 1-7
B23B 45/00; **B25D 16/00**

IPC 8 full level
B23B 45/00 (2006.01); **B23B 45/16** (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP US)
B25D 16/006 (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US)

Cited by
DE10031050A1; US11518015B2; WO9001400A1; WO2020038728A1

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

DOCDB simple family (publication)
EP 0211801 A1 19870225; **EP 0211801 B1 19890927**; DE 3527091 A1 19870129; DE 3665829 D1 19891102; US 4825961 A 19890502

DOCDB simple family (application)
EP 86810260 A 19860611; DE 3527091 A 19850729; DE 3665829 T 19860611; US 14761588 A 19880122