

Title (en)
DRIVE UNIT FOR HORIZONTALLY TURNING ROTATIONAL SOLID

Title (de)
ANTRIEB FÜR HORIZONTAL DREHBARE ROTATIONSKÖRPER

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT POUR CORPS ROTATIFS POUVANT TOURNER HORIZONTALEMENT

Publication
EP 1490177 A1 20041229 (DE)

Application
EP 02708116 A 20020403

Priority
CH 0200185 W 20020403

Abstract (en)
[origin: WO03090932A1] Disclosed is a drive unit for a rotational solid (2) which revolves around the essentially horizontal longitudinal axis (3) thereof. Said drive unit is arranged laterally below the rotational solid (2) such that the driving pinion/s (4, 4') engage/s in the toothed ring (6) of the rotational solid (3) in a downward direction at an angle between 35 DEG and 90 DEG from the horizontal line. Said arrangement of the housing (1) of the drive unit substantially reduces the lateral space required for the entire installation. Another advantage lies in the fact that the drive unit can be mounted directly on the floor or base of the installation, whereby no additional console or base is needed.

IPC 1-7
B02C 17/24; **F16H 15/00**

IPC 8 full level
B02C 17/24 (2006.01); **F16H 1/22** (2006.01); **F16H 15/00** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 03090932A1

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WO 03090932 A1 20031106; AU 2002242568 A1 20031110; CN 1283362 C 20061108; CN 1625442 A 20050608; EP 1490177 A1 20041229; JP 2005521558 A 20050721; US 2005227588 A1 20051013

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