

Title (en)
Bevel gear.

Title (de)
Kegelradgetriebe.

Title (fr)
Engrenage à roues coniques.

Publication
EP 0179180 A1 19860430 (EN)

Application
EP 84850306 A 19841016

Priority
EP 84850306 A 19841016

Abstract (en)
A bevel gear with input and output shafts (20 and 30) where a first bevel pinion (37) on the input shaft is at right-angles to, and in mesh with a bevel gear wheel (39), which via a claw coupling (44) and a friction clutch (45) is in power transmitting communicatin with the output shaft. Distinguishing for the invention is a bearing block (34) of generally quadratic configuration and in two adjacent side surfaces rotatably carrying the pinion and gear wheel, the input shaft being disposed in a through bore (35) in the bearing block, the bore being accessible from two diametrically oppsoed sides of the bearing housing (27) via openings (32, 33) in the wall of the bearing housing, whereby, after installing the bearing housing so that the input shaft forms a desired angle to a vertical plane, a sun shield is reeled out when the input shaft is turned clockwise, independent of whether the gear is fitted to the let or to the right of the longitudinal shaft (2) on which the sun shield is carried.

IPC 1-7
E06B 9/32

IPC 8 full level
E06B 9/32 (2006.01); **E06B 9/76** (2006.01)

CPC (source: EP)
E06B 9/32 (2013.01); **E06B 9/76** (2013.01)

Citation (search report)
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