

Title (en)

Vertical mill gear

Title (de)

Vertikalmühlengetriebe

Title (fr)

Entraînement de moulin vertical

Publication

EP 2511010 B1 20130731 (DE)

Application

EP 11177670 A 20110816

Priority

DE 102011017044 A 20110414

Abstract (en)

[origin: EP2511010A1] The gear (10) has an EN GJS 600 type planetary carrier (36) rotatably mounted on a housing holding section (12b). A planetary wheel (38) is rotatably mounted on the planetary carrier and in engagement with a sun gear (34). A hollow wheel (44) is rotatably mounted on a housing (12) and provided with internal teeth and the planetary wheel is in engagement with the hollow wheel. An EN GJS 500 type drive flange (50) mounted on the housing, where the drive flange and planetary carrier are directly fastened to each other by screw-pin connectors (52, 54).

IPC 8 full level

B02C 15/00 (2006.01)

CPC (source: EP)

B02C 15/006 (2013.01)

Cited by

CN107498505A; CN118002288A; EP3056278A1; US10041566B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2511010 A1 20121017; EP 2511010 B1 20130731; CN 202833872 U 20130327; ES 2426490 T3 20131023

DOCDB simple family (application)

EP 11177670 A 20110816; CN 201220155347 U 20120412; ES 11177670 T 20110816