

Title (en)
TRANSMISSION HAVING A SECOND PLANETARY GEAR STAGE

Title (de)
GETRIEBE MIT EINER ZWEITEN PLANETENGETRIEBESTUFE

Title (fr)
TRANSMISSION DOTÉE D'UN SECOND ÉTAGE D'ENGRENAGE PLANÉTAIRE

Publication
EP 4399423 A1 20240717 (DE)

Application
EP 22751646 A 20220720

Priority

- CN 202111052923 A 20210906
- DE 102021005347 A 20211027
- EP 2022025338 W 20220720

Abstract (en)
[origin: WO2023030677A1] Disclosed is a transmission having a second planetary gear stage that includes a second sun gear shaft, an internal toothing and a pinion gear, the pinion gear being provided with a planetary gear into which the cylindrical protrusion, in particular the journal, of a gear wheel in the form of an insertion pinion is inserted, wherein the teeth of the planetary gear mesh with teeth of the second sun gear shaft, the teeth of the gear wheel mesh with teeth of the internal toothing, and the planetary gear is connected to the gear wheel for conjoint rotation therewith by means of a parallel-key connection.

IPC 8 full level
F16H 57/08 (2006.01); **F16H 1/28** (2006.01); **F16H 1/46** (2006.01); **F16H 55/17** (2006.01)

CPC (source: EP)
F16H 57/08 (2013.01); **F16H 1/28** (2013.01); **F16H 1/46** (2013.01); **F16H 55/17** (2013.01)

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102022002657 A1 20230309; EP 4399423 A1 20240717; WO 2023030677 A1 20230309

DOCDB simple family (application)
DE 102022002657 A 20220720; EP 2022025338 W 20220720; EP 22751646 A 20220720