

Title (en)

LUBRICATION DEVICE AND GEARBOX SHAFTLINE

Title (de)

SCHMIERVORRICHTUNG UND GETRIEBEWELLE

Title (fr)

DISPOSITIF DE LUBRIFICATION ET LIGNE D'ARBRES DE BOITE DE VITESSES

Publication

EP 4077974 A1 20221026 (FR)

Application

EP 20820221 A 20201210

Priority

- FR 1914607 A 20191217
- EP 2020085600 W 20201210

Abstract (en)

[origin: WO2021122330A1] Disclosed is a device for lubricating a gearbox shaftline (2, 4) comprising at least one shaft (4) inside which there are provided an axial oil flow bore (7) and several bores (8a, 8b, 8c) extending radially therefrom in line with targeted lubrication areas of the gearbox, characterised in that it comprises a rotating cannula (11) arranged upstream of the targeted lubrication areas, in the oil flow stream inside the shaftline.

IPC 8 full level

F16H 57/04 (2010.01)

CPC (source: EP KR)

F16H 3/0915 (2013.01 - KR); **F16H 57/0426** (2013.01 - EP KR); **F16H 57/043** (2013.01 - EP KR); **F16H 57/0471** (2013.01 - EP KR); **F16H 57/0494** (2013.01 - EP KR); **F16H 3/0915** (2013.01 - EP); **F16H 2200/0052** (2013.01 - EP KR); **Y02T 10/62** (2013.01 - EP)

Citation (search report)

See references of WO 2021122330A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3104661 A1 20210618; **FR 3104661 B1 20220325**; EP 4077974 A1 20221026; JP 2023506529 A 20230216; KR 20220111720 A 20220809; WO 2021122330 A1 20210624

DOCDB simple family (application)

FR 1914607 A 20191217; EP 2020085600 W 20201210; EP 20820221 A 20201210; JP 2022537269 A 20201210; KR 20227024686 A 20201210