

Title (en)

DEVICE FOR GUIDING LUBRICATING OIL INSIDE A GEARBOX HOLLOW SHAFT

Title (de)

VORRICHTUNG ZUR FÜHRUNG VON SCHMIERÖL IN EINER GETRIEBEHOHLWELLE

Title (fr)

DISPOSITIF DE GUIDAGE D'HUILE DE LUBRIFICATION A L'INTERIEUR D'UN ARBRE CREUX DE BOITE DE VITESSES

Publication

EP 3548775 A1 20191009 (FR)

Application

EP 17797388 A 20171012

Priority

- FR 1661833 A 20161202
- FR 2017052809 W 20171012

Abstract (en)

[origin: WO2018100259A1] Device for guiding the lubricating oil in a hollow shaft of a gearbox (1), comprising an oil recovery deflector (2) sitting at least partially over the end of the shaft and of its rolling bearings, which is connected to an introduction tube (3) engaged inside the end of the hollow shaft, characterized in that the deflector (2) has the following functional zones: – a zone (a) which is plugged in order to optimize the bearing filling volume, – a zone (b) which is cut out to collect lubricant coming from the bottom of the gearbox, – a zone (c) in which lubricant is raised back up by rotational drive, – a V-shaped opening (d) for collection of lubricant by scrapers and for orientating the flow towards the tube.

IPC 8 full level

F16H 57/04 (2010.01)

CPC (source: EP RU)

B60B 7/12 (2013.01 - RU); **F16H 57/04** (2013.01 - RU); **F16H 57/0426** (2013.01 - EP); **F16H 57/0424** (2013.01 - EP)

Citation (search report)

See references of WO 2018100259A1

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BA ME

DOCDB simple family (publication)

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