

Title (en)
LUBRICANT COLLECTING DEVICE

Title (de)
SCHMIERMITTELAUFFANGEINRICHTUNG

Title (fr)
DISPOSITIF DE RÉCUPÉRATION DE LUBRIFIANT

Publication
EP 3218636 A1 20170920 (DE)

Application
EP 15804090 A 20151127

Priority
• DE 102014227039 A 20141230
• EP 2015077878 W 20151127

Abstract (en)
[origin: CA2972539A1] The invention relates to a lubricant collecting device (1) comprising a lubricant guide (2) and a lubricant container (3), wherein the the lubricant guide (2) has an outer surface (4) for guiding a first medium (6) and an inner surface (5) for guiding a second medium (7). The lubricant collecting device (1) has a gap (8) as an inlet for the first medium (6).

IPC 8 full level
F16N 31/00 (2006.01)

CPC (source: CN EP US)
F16C 33/6622 (2013.01 - EP US); **F16C 33/6685** (2013.01 - EP US); **F16N 31/00** (2013.01 - EP US); **F16N 31/004** (2013.01 - US); **F16N 31/02** (2013.01 - CN US); **H02K 7/08** (2013.01 - US); **H02K 11/40** (2016.01 - US); **H02K 13/003** (2013.01 - US); **F03D 80/70** (2016.05 - EP US); **F05B 2260/98** (2013.01 - EP US); **F16C 2380/26** (2013.01 - EP US); **F16N 2031/025** (2013.01 - CN US); **F16N 2210/025** (2013.01 - EP US); **F16N 2210/14** (2013.01 - US); **F16N 2210/18** (2013.01 - US); **F16N 2210/20** (2013.01 - US); **H02K 7/183** (2013.01 - US); **Y02E 10/72** (2013.01 - EP)

Citation (search report)
See references of WO 2016107708A1

Citation (examination)
• US 3905659 A 19750916 - RENK RICHARD J, et al
• DE 3545082 A1 19860626 - TOYOTA MOTOR CO LTD [JP], et al
• US 2012141270 A1 20120607 - MINADEO ADAM DANIEL [US], et al
• DD 277313 A1 19900328 - KOMB GETRIEBE UND KUPPLUNGEN S [DD]
• JP H08111953 A 19960430 - TOSHIBA CORP
• DE 102010051424 A1 20120524 - SCHAEFFLER TECHNOLOGIES GMBH [DE]

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

DOCDB simple family (publication)
DE 102014227039 A1 20160630; CA 2972539 A1 20160707; CA 2972539 C 20190219; CN 107110425 A 20170829; CN 107110425 B 20190129; EP 3218636 A1 20170920; US 2018372271 A1 20181227; WO 2016107708 A1 20160707

DOCDB simple family (application)
DE 102014227039 A 20141230; CA 2972539 A 20151127; CN 201580071524 A 20151127; EP 15804090 A 20151127; EP 2015077878 W 20151127; US 201515540451 A 20151127