

Title (en)
LUBRICATING NOZZLE WITH SIMPLIFIED PRODUCTION

Title (de)
SCHMIERDÜSE MIT VEREINFACHTER HERSTELLUNG

Title (fr)
GICLEUR D'HUILE DE FABRICATION SIMPLIFIÉE

Publication
EP 3417157 A1 20181226 (FR)

Application
EP 17704514 A 20170216

Priority
• FR 1651282 A 20160217
• EP 2017053562 W 20170216

Abstract (en)
[origin: WO2017140817A1] The invention relates to a spray nozzle including: a spray nozzle body having a contact surface, the spray nozzle body including a channel leading onto the contact surface; a holding screw; and an adjustment plate (106); the spray nozzle is characterised in that the spray nozzle body is mounted to engage with the hole so that the contact surface of said body is flush with a second surface (106b) of the adjustment plate (106) opposite the first surface (106a), the spray nozzle body and the adjustment plate (106) including adjustment means which engage so that the oil outlet is adjusted, the adjustment plate (106) also including adjustment means suitable for adjusting said plate, the adjustment plate (106) being made of plastic material.

IPC 8 full level
F01M 1/08 (2006.01); **F01P 3/08** (2006.01)

CPC (source: EP KR US)
F01M 1/08 (2013.01 - EP KR US); **F01P 3/08** (2013.01 - KR US); **F01P 2003/006** (2013.01 - US)

Citation (search report)
See references of WO 2017140817A1

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)
FR 3047769 A1 20170818; FR 3047769 B1 20190531; BR 112018016276 A2 20181218; CN 108603425 A 20180928; CN 108603425 B 20201222; EP 3417157 A1 20181226; EP 3417157 B1 20200108; ES 2782200 T3 20200911; JP 2019505725 A 20190228; JP 7155006 B2 20221018; KR 20180110137 A 20181008; PT 3417157 T 20200401; US 10774700 B2 20200915; US 2019063274 A1 20190228; WO 2017140817 A1 20170824

DOCDB simple family (application)
FR 1651282 A 20160217; BR 112018016276 A 20170216; CN 201780010638 A 20170216; EP 17704514 A 20170216; EP 2017053562 W 20170216; ES 17704514 T 20170216; JP 2018541663 A 20170216; KR 20187026717 A 20170216; PT 17704514 T 20170216; US 201715999138 A 20170216