

Title (en)

Tilt lever assembly with a bearing with slots

Title (de)

Kiphebelanordnung mit einer Nuten aufweisenden Lagerschale

Title (fr)

Agencement de levier basculant doté d'un coussinet comprenant des rainures

Publication

EP 2090757 B1 20100707 (DE)

Application

EP 08018202 A 20081017

Priority

DE 102008009170 A 20080214

Abstract (en)

[origin: EP2090757A2] The lever assembly has an inner groove (23) provided in a lower half of a shell inner surface. The inner groove runs in a peripheral direction and extends to a region, in which outlets (10, 11) of oil channels (8, 9) are arranged during normal position of a tilt lever (2). A shell outer surface is provided with outer grooves (24, 25) extending to inlets (19, 20) of oil channels (17, 18) running in the tilt lever. A bearing shell (6) has through holes (26, 27) inter-connecting the inner groove and the outer grooves, where the grooves are formed as punch grooves.

IPC 8 full level

F01L 1/18 (2006.01)

CPC (source: EP US)

F01L 1/181 (2013.01 - EP US)

Cited by

IT201700025353A1; EP3940207A1; US11905858B2

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 2090757 A2 20090819; EP 2090757 A3 20090916; EP 2090757 B1 20100707; BR PI0900176 A2 20090929; BR PI0900176 B1 20190702; CN 101509401 A 20090819; CN 101509401 B 20120905; DE 102008009170 A1 20090820; DE 502008000898 D1 20100819; RU 2009105152 A 20100820; RU 2410548 C2 20110127; US 2009205600 A1 20090820; US 8096274 B2 20120117

DOCDB simple family (application)

EP 08018202 A 20081017; BR PI0900176 A 20090119; CN 200910006713 A 20090213; DE 102008009170 A 20080214; DE 502008000898 T 20081017; RU 2009105152 A 20090213; US 35421109 A 20090115