

Title (en)
PUMP ASSEMBLY

Title (de)
PUMPENANORDNUNG

Title (fr)
ENSEMBLE DE POMPE

Publication
EP 3073110 B1 20180418 (EN)

Application
EP 16157228 A 20160224

Priority
GB 201504999 A 20150325

Abstract (en)
[origin: EP3073110A1] A high pressure pump, comprising a lubrication and cooling circuit for driveshaft bearings (140-142), wherein low temperature, filtered fuel from the fuel tank (150) is supplied to a chamber (158) at the rear of the driveshaft (106), wherein the chamber (158) communicates directly with the rear bearing clearances, and with the front bearing clearances and cambox (108) via axial (134) and radial (136,138) driveshaft drillings, wherein the system is sealed at backleak pressure, and optionally a channel (160,172) is provided directly from the chamber to the cambox volume thereby to cool a tappet/cam rider interface.

IPC 8 full level
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CPC (source: EP)
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Cited by
GB2554845A; WO2018091488A1

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