

Title (en)
LUBRICATION OIL PASSAGE STRUCTURE OF INTERNAL COMBUSTION ENGINE

Title (de)
SCHMIERÖLKANALKONSTRUKTION FÜR VERBRENNUNGSMOTOR

Title (fr)
STRUCTURE DE PASSAGE D'HUILE DE LUBRIFICATION DANS UN MOTEUR A COMBUSTION INTERNE

Publication
EP 1424470 B1 20080319 (EN)

Application
EP 02762893 A 20020828

Priority
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• JP 2001267586 A 20010904

Abstract (en)
[origin: EP1424470A1] In a lubricating oil passage structure in an internal combustion engine in which a pressurized lubricating oil flowing in a lubricating oil passage (21) is ejected to portions to be lubricated through a jet (25) provided in the lubricating oil passage (21), oil groove of a cross shape is provided at an inlet of the jet (25), so that they are opened into the lubricating oil passage (21) and extend diametrically from the center of the jet (25). Thus, it is possible to ensure that the inlet of the jet provided in place in the lubricating oil passage in the internal combustion engine cannot be occluded by cuttings or a dust incorporated in the lubricating oil flowing in the lubricating oil passage. <IMAGE>

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CPC (source: EP KR)
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EP 1424470 A1 20040602; **EP 1424470 A4 20070214**; **EP 1424470 B1 20080319**; AR 036397 A1 20040908; BR 0205965 A 20031007; BR 0205965 B1 20110309; CN 1277044 C 20060927; CN 1549889 A 20041124; ES 2302837 T3 20080801; JP 2003074322 A 20030312; JP 4537629 B2 20100901; KR 100539602 B1 20051228; KR 20040029035 A 20040403; MY 129090 A 20070330; WO 03023198 A1 20030320

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