

Title (en)
Lubrication system of reciprocating piston type compressor for engine supercharging

Title (de)
Schmierungssystem für einen Kolbenverdichter einer aufgeladenen Brennkraftmaschine

Title (fr)
Système de lubrification d'un compresseur à piston d'un moteur à combustion

Publication
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Application
EP 99113867 A 19990715

Priority
JP 20555698 A 19980721

Abstract (en)
To obtain accurate lubrication of a reciprocating piston type compressor for supercharging without affecting the operation of an engine oil pump, using engine lubricating oil. A lubricating oilway 89 for the compressor is branched off from a lubricating oilway 87 for an engine E fitted with an oil pump P1. A downstream end of this branched oilway 89 opens into an annular groove 77 connected to an operating chamber 37 of the inner surfaces of a pump cylinder body 20 of the reciprocating piston type compressor C for supercharging. A second oil pump P2 for supplying some of the lubricating oil flowing in the lubricating oilway 87 for the engine to the pump cylinder body 20 side, and having a smaller capacity than the oil pump P1, is fitted into the lubricating oilway 89 for the compressor. <IMAGE>

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CPC (source: EP)
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Citation (search report)
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DE FR IT

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