

Title (en)
Device for automatically topping up the lubricating oil

Title (de)
Ölnachfüllautomatik

Title (fr)
Dispositif de remplissage automatique de l'huile

Publication
EP 0794323 B1 20011121 (DE)

Application
EP 97103391 A 19970301

Priority
DE 19608591 A 19960306

Abstract (en)
[origin: EP0794323A1] The filler supplies oil or lubricants to the sump (2) of a combustion engine (1). An oil level sensor (3) detects the oil level in the sump and is connected to a control unit which switches on a pump (7) to supply the engine via a connecting pipe (6) from a storage tank (5). A sensor may be fitted in the engine sump and the storage tank to detect the minimum and maximum oil level and the oil temperature. A control unit can be used to use the pumping time for determining the volume of oil supplied to the engine. A temperature compensation can be applied to allow for different flow rates. A compensation can be made for different engine supply voltages.

IPC 1-7
F01M 11/06

IPC 8 full level
F01M 11/06 (2006.01)

CPC (source: EP)
F01M 11/061 (2013.01)

Cited by
RU2641184C1; KR100698725B1; FR2812341A1; FR2803872A1; WO0153663A2

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