

## Title (en)

System and method for dosing cylinder lubrication oil into large diesel engine cylinders

## Title (de)

System und Verfahren zur Dosierung von Schmieröl in große Dieselmotorzylinder

## Title (fr)

Système et procédé de dosage d'huile de graissage de cylindre dans de grands cylindres de moteur diesel

## Publication

**EP 2722500 A3 20170215 (EN)**

## Application

**EP 13188526 A 20120316**

## Priority

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## Abstract (en)

[origin: WO2012126473A2] There is disclosed dosing system and a method for cylinder lubrication oil in large diesel engine cylinders, e.g. in marine engines, including: - a lubricating oil supply that may be constituted by a pump station or an accumulator; - a supply line from the lubricating oil supply; - a number of injectors having an inlet, an opening/closing valve unit and one or more nozzle apertures for injecting cylinder lubricating oil into an associated cylinder, and which are connected with the supply line and corresponding to the number of cylinders in the engine or a multiple thereof; and - a control unit controlling each opening/closing valve unit. Furthermore, there is disclosed an injector for use in the system. In order to overcome the drawback of dependence on flow and viscosity in the supply pipes, the system is peculiar in that the dosing system includes a flow measuring unit for each injector and/or for each cylinder, and that the flow measuring units are connected with the control unit for use in a closed circuit regulation.

## IPC 8 full level

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## Citation (search report)

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**DK 2012050079 W 20120316**; CN 201280017547 A 20120316; CN 201410133874 A 20120316; DK 12716211 T 20120316; DK 13188526 T 20120316; DK PA201170129 A 20110318; DK PA201270125 A 20120320; EP 12716211 A 20120316; EP 13188526 A 20120316; EP 18192829 A 20120316; HK 14110485 A 20141021; JP 2013247434 A 20131129; JP 2014500256 A 20120316; JP 2018018516 A 20180205; JP 2018018550 A 20180205; KR 20137026400 A 20120316; KR 20137027793 A 20120316; KR 20207021038 A 20120316; RU 2013146520 A 20120316; RU 2013149826 A 20131107; SG 10201809580T A 20120316; SG 2013070339 A 20120316