

Title (en)

A fuel valve for large stroke diesel engines

Title (de)

Einspritzdüse für Dieselmotoren mit großem Hubraum

Title (fr)

Soupape à carburant pour moteurs diesel à longue course

Publication

EP 2378109 B1 20130320 (EN)

Application

EP 11001060 A 20110210

Priority

DK PA201000309 A 20100415

Abstract (en)

[origin: EP2378109A1] A fuel valve (1) for a large two-stroke diesel engine with a nozzle (30) with conventionally arranged nozzle bores (35) that have a center line (36) substantially coinciding with the center line (34) of the axial bore (33) of the nozzle (30) and a hollow cut-off shaft (40) received in the axial bore (33) in the nozzle (30). The cut-off shaft (40) moves in unison with a valve needle (20) and closes the nozzle holes (35) when the valve needle (20) rests on its seat (22) so that the sac volume is practically zero.

IPC 8 full level

F02M 61/18 (2006.01); **F02M 61/04** (2006.01); **F02M 61/06** (2006.01)

CPC (source: EP KR)

F02M 61/042 (2013.01 - EP KR); **F02M 61/06** (2013.01 - EP KR); **F02M 61/182** (2013.01 - EP KR)

Designated contracting state (EPC)

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