

Title (en)
Process for fuel injection

Title (de)
Verfahren zum Einspritzen von Brennstoff

Title (fr)
Procédé d'injection de combustible

Publication
EP 1197650 B1 20050622 (DE)

Application
EP 01810878 A 20010911

Priority
• EP 01810878 A 20010911
• EP 00810932 A 20001010

Abstract (en)
[origin: EP1197650A1] Method for injecting fuel (14a) into a combustion chamber having at least two fuel injectors (12a, 12b, 12c) of a cylinder (11) of a reciprocating internal combustion diesel engine in underload operation comprises alternately injecting the fuel so that during at least two successive working cycles no fuel is injected by at least one of the fuel injectors and during at least two following successive working cycles no fuel is injected by the other fuel injector. An Independent claim is also included for a reciprocating internal combustion engine operated by the method. Preferred Features: Each combustion chamber has two, three or four fuel injectors.

IPC 1-7
F02M 61/14; **F02F 1/24**

IPC 8 full level
F02B 23/02 (2006.01); **F02D 41/02** (2006.01); **F02D 41/04** (2006.01); **F02F 1/24** (2006.01); **F02M 61/14** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP KR)
F02F 1/242 (2013.01 - EP); **F02M 61/14** (2013.01 - EP); **F02M 63/00** (2013.01 - EP KR)

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EP 1197650 A1 20020417; **EP 1197650 B1 20050622**; AT E298393 T1 20050715; CN 100416068 C 20080903; CN 1346934 A 20020501; DE 50106574 D1 20050728; DK 1197650 T3 20050711; JP 2002155782 A 20020531; JP 5009467 B2 20120822; KR 100743210 B1 20070726; KR 20020028778 A 20020417; PL 199837 B1 20081128; PL 349991 A1 20020422; TW 491930 B 20020621

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