

Title (en)
Inline dual piston engine

Title (de)
Inline-Doppelkolbenmotor

Title (fr)
Moteur à pistons doubles en ligne

Publication
EP 2639426 B1 20140903 (DE)

Application
EP 13159222 A 20130314

Priority
DE 102012004981 A 20120314

Abstract (en)
[origin: EP2639426A1] The drive has sleeve piston (3) and suction piston that are connected through a connecting rod having a crankshaft (9). The periphery (8) of the sleeve piston is provided with groove that extends in axial direction of piston guide for axial restraint. A toothed ring (4) of crankshaft is provided in cylinder wall (1) of combustion chamber. A toothed ring cam roller (7) is provided at periphery of the sleeve piston. A pinion (5) is coupled with the crankshaft.

IPC 8 full level
F02B 41/04 (2006.01); **F01B 7/20** (2006.01); **F02B 75/30** (2006.01)

CPC (source: EP)
F01B 7/20 (2013.01); **F02B 41/04** (2013.01); **F02B 75/30** (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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