

Title (en)

Piston machine with cylinder sleeves for the reciprocating pistons

Title (de)

Kolbenmaschine mit in Führungsbuchsen einer Zylindertrommel verschiebbar gelagerten Kolben

Title (fr)

Machine à piston alternatif avec des chemises de cylindre pour les pistons

Publication

EP 1156212 A3 20030611 (DE)

Application

EP 01102330 A 20010201

Priority

DE 10023849 A 20000516

Abstract (en)

[origin: EP1156212A2] The engine has a cylinder drum (5), in which several pistons (9) slide in guide sleeves (8). The guide sleeves are inserted and fixed with their head ends (8c) in sleeve holes (6) in the cylinder drum. The pistons form working chambers (11) in the cylinder drum at their head ends (9a) and are supported at their foot ends (9b) at a drive part of the engine. The inner surfaces (8b) of the guide sleeves each have a cross-section expansion (32) in the end areas (a) of their head ends. An Independent claim is included for a guide sleeve for a piston engine.

IPC 1-7

F04B 1/12; **F04B 53/16**

IPC 8 full level

F04B 1/12 (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)

F04B 1/124 (2013.01); **F04B 53/166** (2013.01)

Citation (search report)

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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