

Title (en)
Air compressor

Title (de)
Luftkompressor

Title (fr)
Compresseur d'air

Publication
EP 1852609 B2 20140618 (EN)

Application
EP 06009121 A 20060503

Priority
EP 06009121 A 20060503

Abstract (en)
[origin: EP1852609A1] An air compressor includes a piston (70) slidably received in a cylinder housing (17), and a motor (50) coupled to the piston for moving the piston relative to the cylinder housing in a reciprocating action, in order to generate pressurized air. A cover (20) is detachably secured on top of the cylinder housing, and includes an outlet tube (21) having a compartment (22) communicating with the cylinder housing, for receiving pressurized air from the cylinder housing, and includes an inlet (36) blocked by a check valve device (80). The cover may be adjusted and secured to the cylinder housing, to adjust the inlet to different position relative to the cylinder housing, and to prevent the inlet from being blocked by objects.

IPC 8 full level
F04B 39/12 (2006.01); **F04B 39/14** (2006.01)

CPC (source: EP)
F04B 35/01 (2013.01); **F04B 35/04** (2013.01); **F04B 39/122** (2013.01); **F04B 39/123** (2013.01); **F04B 39/125** (2013.01); **F04B 39/14** (2013.01)

Citation (opposition)
Opponent :

- DE 29511421 U1 19951012 - CHOU WEN SAN [TW]
- US 2004141855 A1 20040722 - WANG MIN-HSIENG [TW]

Cited by
CN103807148A; CN109458319A; EP2955380A4

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 1852609 A1 20071107; **EP 1852609 B1 20101013**; **EP 1852609 B2 20140618**; DE 602006017514 D1 20101125

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EP 06009121 A 20060503; DE 602006017514 T 20060503