

Title (en)
Automatic compressed air distributor

Title (de)
Automatischer Druckluftverteiler

Title (fr)
Distributeur d'air comprimé à fonctionnement automatique

Publication
EP 1293746 A3 20030326 (FR)

Application
EP 02447176 A 20020913

Priority
BE 200100598 A 20010914

Abstract (en)
[origin: EP1293746A2] The gas distributor, comprising a cylinder (1) and a sliding piston (8) with a head (11), a compressed gas inlet (14) and a chamber, is designed to provide automatic forward movement of the piston, allowing compressed gas into the chamber, recoil and return of the piston, closing the compressed gas inlet, release of residual gases in a forward direction and return of the piston to its initial position. The distributor has a valve (5) and a double seal (3) for opening the compressed gas inlet, each with a return spring (6, 4).

IPC 1-7
F41B 11/32

IPC 8 full level
F41B 11/00 (2006.01); **F41B 11/32** (2006.01); **F41B 11/57** (2013.01); **F41B 11/72** (2013.01); **F41B 11/721** (2013.01)

CPC (source: EP US)
F41B 11/57 (2013.01 - EP); **F41B 11/71** (2013.01 - EP US); **F41B 11/721** (2013.01 - EP US)

Citation (search report)

- [X] GB 713044 A 19540804 - KEIKKI EINO KLEMOLA
- [A] GB 2228067 A 19900815 - BUBB ANTHONY JOHN ALLEN
- [DA] US 5613483 A 19970325 - LUKAS MICHAEL A [CA], et al
- [A] GB 2258913 A 19930224 - WILKINS STEPHEN ROBERT [GB]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1293746 A2 20030319; EP 1293746 A3 20030326; EP 1293746 B1 20060426; AT E324566 T1 20060515; BE 1014951 A4 20040706; DE 60210883 D1 20060601; DE 60210883 T2 20061109; US 2003051717 A1 20030320; US 6739324 B2 20040525

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