

Title (en)
Compact pneumatic cylinder

Title (de)
Kompakter Pneumatikzylinder

Title (fr)
Vérin à air compact

Publication
EP 0692639 A1 19960117 (EN)

Application
EP 95110632 A 19950707

Priority
IT MI940502 U 19940713

Abstract (en)
A pneumatic cylinder of the type comprising a central body (10) defining a chamber (13) inside which an axially reciprocable piston (14) slides, and two closing head-pieces (11, 12) sealingly fixed to the respective ends of the central body (10); an inlet/outlet port (23, 24) for supplying and discharging the compressed air into/from the chamber (13) is provided into a protruding part (25, 26) on one side of the head-pieces (11, 12) which extends into a seating (27, 28) in a corresponding side wall portion of the central body (10). <MATH>

IPC 1-7
F15B 15/14

IPC 8 full level
F15B 15/14 (2006.01)

CPC (source: EP)
F15B 15/1438 (2013.01)

Citation (search report)
• [A] GB 2020746 B 19820707 - PARISIENNE OUTILLAGE
• [A] DE 4041992 A1 19920702 - MANNESMANN AG [DE]
• [A] EP 0384948 A1 19900905 - FESTO KG [DE]
• [A] WO 9400706 A1 19940106 - MECMAN AB REXROTH [SE], et al

Cited by
EP0812991A3; US6152015A; EP1199480A2; US6553889B2

Designated contracting state (EPC)
DE ES FR GB SE

DOCDB simple family (publication)
EP 0692639 A1 19960117; CA 2153640 A1 19960114; IT 233859 Y1 20000210; IT MI940502 U1 19960113; IT MI940502 V0 19940713

DOCDB simple family (application)
EP 95110632 A 19950707; CA 2153640 A 19950711; IT MI940502 U 19940713