

Title (en)
HYDRAULIC CYLINDER MECHANISM

Title (de)
HYDRAULISCHER CYLINDER

Title (fr)
VERIN HYDRAULIQUE

Publication
EP 0980484 B1 20040324 (EN)

Application
EP 98921980 A 19980507

Priority
• SE 9800833 W 19980507
• SE 9701733 A 19970509

Abstract (en)
[origin: WO9851945A1] A piston-cylinder mechanism comprises a tube (1) of cylindrical basic shape and two gable pieces arranged for its closure, of which pieces a first one (2) has an axial through-bore (15) for a rod (5) and a piston (4), the cylinder tube being made by cold forming of a tube-shaped blank of metal. According to the invention, said gable piece (2) is made in one piece with the cylinder tube (1) per se, the through-bore being delimited by a generally cylindrical surface in which is/are recessed one or several ring-shaped grooves (17, 18, 19) for the accommodation of a corresponding number of sealing rings (20, 21, 22).

IPC 1-7
F16J 10/00

IPC 8 full level
F15B 15/14 (2006.01)

CPC (source: EP)
F15B 15/14 (2013.01)

Designated contracting state (EPC)
BE DE ES FI FR GB IT NL

DOCDB simple family (publication)
WO 9851945 A1 19981119; AU 7462098 A 19981208; DE 69822622 D1 20040429; EP 0980484 A1 20000223; EP 0980484 B1 20040324; SE 510241 C2 19990503; SE 9701733 D0 19970509; SE 9701733 L 19981110

DOCDB simple family (application)
SE 9800833 W 19980507; AU 7462098 A 19980507; DE 69822622 T 19980507; EP 98921980 A 19980507; SE 9701733 A 19970509