

Title (en)
CYLINDERS FOR MACHINES THAT PROCESS SHEET-LIKE MATERIAL

Title (de)
ZYLINDER FÜR BAHNFÖRMIGES MATERIAL VERARBEITENDE MASCHINEN

Title (fr)
CYLINDRES POUR MACHINES TRAITANT DES MATERIAUX SOUS FORME DE BANDE

Publication
EP 1758739 A1 20070307 (DE)

Application
EP 05752566 A 20050603

Priority
• EP 2005052557 W 20050603
• DE 102004030702 A 20040625

Abstract (en)
[origin: US2008254960A1] A cylinder which is part of a machine which processes lengths of material includes a rotationally fixed central pin or shaft. A casing or jacket is rotatably supported on the central pin or shaft by a number of bearings. A sleeve can be placed over the outer surface of the jacket or casing. A lubricant space, which extends, in sections, in an axial direction, is located between the pin or shaft and an inner surface of the jacket or casing. A compressed gas space which extends, in sections, in an axial direction, is provided with outlet openings on an outer surface of the jacket or casing.

IPC 8 full level
B41F 13/187 (2006.01); **B41F 13/18** (2006.01)

CPC (source: EP US)
B41F 13/18 (2013.01 - EP US); **B41F 13/187** (2013.01 - EP US); **B41P 2227/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2006000516A1

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

DOCDB simple family (publication)
US 2008254960 A1 20081016; AT E482824 T1 20101015; CN 100491124 C 20090527; CN 1878673 A 20061213;
DE 102004030702 B3 20060209; DE 502005010309 D1 20101111; EP 1758739 A1 20070307; EP 1758739 B1 20100929;
WO 2006000516 A1 20060105

DOCDB simple family (application)
US 63067505 A 20050603; AT 05752566 T 20050603; CN 200580001203 A 20050603; DE 102004030702 A 20040625;
DE 502005010309 T 20050603; EP 05752566 A 20050603; EP 2005052557 W 20050603