

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 B1 20100929 (DE)

Application
EP 05752566 A 20050603

Priority
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• 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.

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