

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  
• 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.

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CPC (source: EP US)  
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