

Title (en)  
Cylinder liner

Title (de)  
Zylinderlaufbuchse

Title (fr)  
Chemise cylindre

Publication  
**EP 0919715 B1 20030402 (DE)**

Application  
**EP 98122756 A 19981201**

Priority  
DE 19753017 A 19971201

Abstract (en)  
[origin: EP0919715A2] The cylindrical bearing sleeve has a macroscopic surface structure around its outer peripheral surface, provided rebated edges extending in the radial direction (8) of the cylinder bearing sleeve. The surface structure may be provided by grooves or a screw thread with stepped thread flanks.

IPC 1-7  
**F02F 1/10**; **B22D 19/00**

IPC 8 full level  
**B22D 19/00** (2006.01); **F02F 1/10** (2006.01)

CPC (source: EP)  
**B22D 19/0081** (2013.01); **F02F 1/10** (2013.01)

Cited by  
DE102009056919A1; DE112005000002B4; EP1300206A4; DE102009043566A1; EP2422902A3; DE10360499A1; EP1504833A4; DE10310130B4; JP20111005549A; CN101928908A; EP2267178A3; US9382868B2; US7226667B2; US8833331B2; US10094325B2; US8707541B2; US8877285B2; US8752256B2; US8726874B2; US10221806B2; US6865807B2; US8720319B2; US9079213B2; DE102009056919B4; EP2110465B1

Designated contracting state (EPC)  
AT DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0919715 A2 19990602**; **EP 0919715 A3 19991229**; **EP 0919715 B1 20030402**; AT E236352 T1 20030415; DE 19753017 A1 19990602; DE 59807723 D1 20030508

DOCDB simple family (application)  
**EP 98122756 A 19981201**; AT 98122756 T 19981201; DE 19753017 A 19971201; DE 59807723 T 19981201