

Title (en)
Pressure roll

Title (de)
Presswalze

Title (fr)
Rouleau de pression

Publication
EP 0777012 B1 20010321 (DE)

Application
EP 96115525 A 19960927

Priority
DE 19544978 A 19951201

Abstract (en)
[origin: EP0777012A1] A press roller has a stationary carrier (12) and a revolving cover (14) which is supported over its internal circumferential surface (16) by at least one compressible lubricated support element (18) on the carrier. The element has a surface (20) facing the cover's inner surface and extended in the cover's travel direction and several points (22) from which fresh lubrication oil is fed between the surfaces. The oil feed is achieved at least partly independently of the pressure chamber (19) acting on the support element. The support surface has at least one row (Ri) of such oil feed points extending in the direction of the roller axis, each point including a drill-hole (26) near which is a constriction.

IPC 1-7
D21F 3/02

IPC 8 full level
F16C 13/00 (2006.01); **B21D 37/18** (2006.01); **B30B 3/00** (2006.01); **B30B 15/00** (2006.01); **D21F 3/02** (2006.01)

CPC (source: EP KR US)
B30B 3/005 (2013.01 - EP KR US); **B30B 15/0088** (2013.01 - EP KR US); **D21F 3/0218** (2013.01 - EP KR US); **D21F 3/08** (2013.01 - KR)

Cited by
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AT BE DE ES FI FR GB IT PT SE

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EP 0777012 A1 19970604; EP 0777012 B1 20010321; AT E199954 T1 20010415; AU 7038596 A 19970605; CA 2191003 A1 19970602; CA 2191003 C 20060509; DE 19544978 A1 19970605; DE 19544978 C2 19980730; DE 59606625 D1 20010426; JP 3877241 B2 20070207; JP H09174296 A 19970708; KR 970043583 A 19970726; US 5843283 A 19981201

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