

Title (en)
Forme cylinder

Title (de)
Klischeezylinder

Title (fr)
Cylindre porte-cliché

Publication
EP 1025996 A1 20000809 (DE)

Application
EP 99102033 A 19990201

Priority
EP 99102033 A 19990201

Abstract (en)
The printing cylinder has a cylinder core (10) on which a sleeve (20) containing carbon fiber is arranged. The sleeve is self-supporting and held spaced apart from the peripheral surface (18) of the cylinder core by plates (22) at both ends. The cylinder core is designed to be used as a printing cylinder, independent of the sleeve. The core has an axial channel (14) for compressed air.

Abstract (de)
Druckzylinder mit einem Zylinderkern (10), auf dem eine kohlefaserhaltige Hülse (20) angeordnet ist, dadurch gekennzeichnet, daß die Hülse (20) selbsttragend und durch an beiden Enden angeordnete Scheiben (22) auf Abstand zur Umfangsfläche (18) des Zylinderkerns (10) gehalten ist.
<IMAGE>

IPC 1-7
B41F 27/10; **B41N 1/22**; **B41F 13/10**

IPC 8 full level
B41F 13/34 (2006.01); **B41F 13/08** (2006.01); **B41F 13/10** (2006.01); **B41F 27/10** (2006.01); **B41N 1/22** (2006.01)

CPC (source: EP US)
B41F 13/10 (2013.01 - EP US); **B41F 27/105** (2013.01 - EP US); **B41N 1/22** (2013.01 - EP US)

Citation (search report)

- [Y] DE 8532300 U1 19860102
- [Y] DE 3525045 A1 19870122 - PAUL SAUER DRUCKWALZENFABRIKEN [DE]
- [YD] EP 0732201 A1 19960918 - ROSSINI ERMINIO SPA [IT]
- [Y] FR 785978 A 19350823
- [AD] EP 0769373 A1 19970423 - FISCHER & KRECKE GMBH & CO [DE]
- [A] EP 0076777 A1 19830413 - HERLITZ AG [DE]
- [A] EP 0225509 A2 19870616 - TECHNOPRINT GMBH [DE]
- [A] US 3378902 A 19680423 - ROLF HOEXTER
- [XY] PATENT ABSTRACTS OF JAPAN vol. 97, no. 5 30 May 1997 (1997-05-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 96, no. 2 29 February 1996 (1996-02-29)

Cited by
EP1808293A1; DE10344408B3; NL2020561B1; NL1033483C2; BE1020873A3; EP2202084A1; CN101791895A; DE102009055767A1; WO2005090075A3; WO2008108631A1; WO2019172769A1; WO2005067364A3; WO2011064129A1; WO2005030488A1; US8312810B2; EP1543962A1; WO2005090075A2; EP1221367B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1025996 A1 20000809; **EP 1025996 B1 20011128**; DE 59900456 D1 20020110; ES 2166201 T3 20020401; JP 2000225681 A 20000815; US 2002056387 A1 20020516; US 6523470 B2 20030225

DOCDB simple family (application)
EP 99102033 A 19990201; DE 59900456 T 19990201; ES 99102033 T 19990201; JP 2000023069 A 20000131; US 48972900 A 20000121