

Title (en)

Impression cylinder for a printing machine with arrangements for oil conditioning and lubricating.

Title (de)

Anpresszylinder fuer eine Druckmaschine mit Einrichtungen zum Klimatisieren und Schmieren mittels Oel.

Title (fr)

Cylindre presseur pour une machine à imprimer avec des arrangements pour climatiser et lubrifier avec de l'huile.

Publication

EP 0491112 B1 19950607 (DE)

Application

EP 91110849 A 19910701

Priority

IT 2241790 A 19901219

Abstract (en)

[origin: EP0491112A1] An impression cylinder for a printing machine with arrangements for oil conditioning and lubricating, wherein the receiving shaft (2) of a flexible cylinder shell (13) is of hollow (4) construction and has at its ends an inlet and an outlet for a cooling liquid. Furthermore, the receiving shaft penetrates a chamber (8, 20) which forms an oil supply container, the supply container receiving the flexible cylinder shell (13) in a rotatable manner with interposition of ball bearings (16, 17, 18, 19), and said supply container (20) having openings (22-31) on its underside for draining the oil and feed openings (32-36) on its upper side which cooperate with scraper plates (37-41) which extend in the radial direction into the immediate vicinity of the inside circumference (42) of the flexible cylinder shell. <IMAGE>

IPC 1-7

B41F 13/22

IPC 8 full level

B41F 13/22 (2006.01)

CPC (source: EP US)

B41F 13/22 (2013.01 - EP US)

Cited by

DE10023205A1; DE10023205C2

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0491112 A1 19920624; EP 0491112 B1 19950607; DE 59105662 D1 19950713; IT 1248446 B 19950119; IT 9022417 A0 19901219; IT 9022417 A1 19920619; JP 3093404 B2 20001003; JP H0717014 A 19950120; US 5174206 A 19921229

DOCDB simple family (application)

EP 91110849 A 19910701; DE 59105662 T 19910701; IT 2241790 A 19901219; JP 35147191 A 19911212; US 80604691 A 19911212