

Title (en)

Process for cleaning a cylinder of a rotary printing machine

Title (de)

Verfahren zur Reinigung eines Zylinders einer Rotationsdruckmaschine

Title (fr)

Procédé à nettoyer un cylindre d'une machine d'impression

Publication

EP 0715955 B2 20041124 (DE)

Application

EP 95118261 A 19951121

Priority

DE 4443356 A 19941206

Abstract (en)

[origin: EP0715955A1] The cleaning device uses a washing roller (2), or a washing cloth, displaced into contact with the cylinder to be cleaned and supplied with a biological cleaning fluid (3) via a spray. The washing cycle and drying cycle are controlled in defined angular positions, accounting for the rotation velocity and rotation direction of the cylinder being cleaned, to obtain effective cleaning and a dry cylinder surface at the end of the drying cycle. The angular positions for the washing and drying cycles may be variable or self-adjustable.

IPC 1-7

B41F 35/00

IPC 8 full level

B41F 35/02 (2006.01); **B41F 35/00** (2006.01); **B41F 35/06** (2006.01)

CPC (source: EP US)

B41F 35/00 (2013.01 - EP US); **B41F 35/006** (2013.01 - EP US); **B41P 2235/22** (2013.01 - EP US); **B41P 2235/23** (2013.01 - EP US); **B41P 2235/26** (2013.01 - EP US)

Citation (opposition)

Opponent :

- DE 4216243 A1 19931118 - KOTTERER GRAFOTEC [DE]
- EP 0257818 A2 19880302 - DAINIPPON PRINTING CO LTD [JP]
- US 4270450 A 19810602 - DIFFLIIPP KURT, et al
- DE 1808909 B2 19740314

Cited by

DE10327888A1; EP1488925A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0715955 A1 19960612; **EP 0715955 B1 19990210**; **EP 0715955 B2 20041124**; AT E176629 T1 19990215; DE 4443356 A1 19960613; DE 4443356 C2 19980702; DE 59505083 D1 19990325; JP 2925003 B2 19990726; JP H08216382 A 19960827; US 5753048 A 19980519; US 6070530 A 20000606

DOCDB simple family (application)

EP 95118261 A 19951121; AT 95118261 T 19951121; DE 4443356 A 19941206; DE 59505083 T 19951121; JP 31529695 A 19951204; US 3413298 A 19980303; US 56837095 A 19951206