

Title (en)

Coated printing machine cylinders

Title (de)

Beschichtete Druckmaschinenwalzen

Title (fr)

Rouleaux revêtus pour machine à imprimer

Publication

EP 0709190 B1 19990818 (DE)

Application

EP 95114989 A 19950923

Priority

DE 4434765 A 19940929

Abstract (en)

[origin: EP0709190A1] The roll has a coating (11) over the entire curved surface. This coating contains at least aluminium oxide and silicon oxide, in the form of mullite. The coating may contain titanium oxide and/or chromium oxide. It may be applied by hot injection, possibly onto an underlay (10) including the elements nickel and/or cobalt, and/or iron and/or molybdenum and/or chromium and/or aluminium and/or yttrium. The underlay may also be applied by hot injection. The coating is 0.1-1.0 mm thick, pref. 0.5 mm thick. The thickness of the underlay is 0.05-1.0 mm.

IPC 1-7

B41F 31/26; **B41F 7/26**; **B41N 7/04**

IPC 8 full level

B41F 7/26 (2006.01); **B41F 31/26** (2006.01); **B41N 7/04** (2006.01)

CPC (source: EP)

B41F 7/26 (2013.01); **B41F 31/26** (2013.01); **B41N 7/04** (2013.01); **B41N 2207/02** (2013.01); **B41N 2207/10** (2013.01)

Citation (examination)

Ullmann's Encyclopedia of Industrial Chemistry, 5. Auflage, Band 23, Seiten 694 bis 696

Cited by

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Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

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