Title (en)

PRINTING UNIT FOR A ROTARY OFFSET-PRINTING PRESS

Publication

EP 0183984 A3 19871021 (DE)

Application

EP 85113767 A 19851029

Priority

DE 8434353 U 19841123

Abstract (en)

[origin: US4643095A] A printing unit cylinder of a given diameter for offset rotary printing machines having a galvanically applied wear and corrosion-resistant jacket surface coating, comprising a cylinder body formed with a cylinder channel and having a transitional surface from a cylindrical jacket surface thereof to the cylinder channel, the cylindrical jacket surface and the transitional surface having a sand-blasted surface roughness of 10 to 20 microns, a nickel undercoating having a hardness of 180 to 220 Vickers hardness disposed on the cylindrical jacket surface and the transitional surface; and a chromium layer disposed on the undercoating and having a hardness of greater than 900 Vickers hardness and a microcracked surface of greater than 400 cracks per cm2, the cylinder body having a diameter less than the given diameter of the printing unit cylinder by a thickness corresponding to the superimposed thicknesses of the nickel chromium and the chromium layer.

IPC 1-7

B41F 13/08; B41F 13/00; B41N 7/00

IPC 8 full level

B41N 1/20 (2006.01); **B41F 13/08** (2006.01)

CPC (source: EP US)

B41F 13/08 (2013.01 - EP US)

Citation (search report)

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- [A] DE 2602277 A1 19760729 - ADAMOVSKE STROJIRNY NP

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Designated contracting state (EPC)

FR GB

DOCDB simple family (publication)

EP 0183984 A2 19860611; **EP 0183984 A3 19871021**; **EP 0183984 B1 19890405**; DE 8434353 U1 19850221; JP 2545646 Y2 19970825; JP S6193235 U 19860616; US 4643095 A 19870217

DOCDB simple family (application)

EP 85113767 A 19851029; DE 8434353 U 19841123; JP 17694185 U 19851119; US 80147685 A 19851125