

Title (en)
Pressure roll for channel-free pressure

Title (de)
Druckwalze für den kanallosen Druck

Title (fr)
Rouleau de pression pour la pression sans un canal

Publication
EP 0704301 B1 19981202 (DE)

Application
EP 95106689 A 19950504

Priority
DE 4432816 A 19940915

Abstract (en)
[origin: CA2157318A1] A printing roller for channel-free printing, in particular for a rotary offset printing machine including a roller core on which a sleeve-shaped printing or transfer form can be positioned. The roller includes a thin intermediate layer provided at least partially between the outer surface of the roller core and the inner surface of the sleeve-shaped printing or transfer form for adjusting the printing or transfer form on the printing roller and for securing the printing or transfer form in an improved manner. The printing roller constructed according to the present invention allows a sleeve-shaped printing or transfer form to be adjusted or fitted precisely and in a stationary manner on the printing roller when slid onto the printing roller without limiting the principle on which the sleeve technique for printing is based.
[origin: CA2157318A1] A printing roller for channel-free printing, in particular for a rotary offset printing machine including a roller core on which a sleeve-shaped printing or transfer form can be positioned. The roller includes a thin intermediate layer provided at least partially between the outer surface of the roller core and the inner surface of the sleeve-shaped printing or transfer form for adjusting the printing or transfer form on the printing roller and for securing the printing or transfer form in an improved manner. The printing roller constructed according to the present invention allows a sleeve-shaped printing or transfer form to be adjusted or fitted precisely and in a stationary manner on the printing roller when slid onto the printing roller without limiting the principle on which the sleeve technique for printing is based.

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CPC (source: EP US)
B41F 27/105 (2013.01 - EP US)

Citation (examination)
EP 0452184 A1 19911016 - ROLLIN SA ALSAC CAOUTCHOUC [FR]

Cited by
FR2831097A1; DE102006011798A1; DE10258048A1; DE10151816A1; DE10151816B4; EP1327523A1; US7077062B2; EP1428660A1; US6854389B2

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DE 4432816 A 19940915; CA 2157318 A 19950831; DE 59504404 T 19950504; EP 95106689 A 19950504; JP 23441195 A 19950912; US 88623197 A 19970701