

Title (en)

Shoe press roll

Title (de)

Schuhpresswalze

Title (fr)

Rouleau de presse à sabot

Publication

EP 1959052 B1 20090916 (DE)

Application

EP 07122713 A 20071210

Priority

DE 102007008037 A 20070217

Abstract (en)

[origin: EP1959052A1] The press roller has a flexible roller cover (1) pressed by a press shoe (2) with a concave press surface for formation of a press gap in a direction of an impression roller. The press shoe has outer, central and inner layers (3, 4, 5) lying one upon the other in a press direction. The central layer has an increased compressibility and a modulus of elasticity of 5-50 MPa. The outer and inner layers are made of steel. The central layer is made of a compressible material i.e. plastic. The press shoe is pressed to the impression roller by a hydraulic pressing piston (6).

IPC 8 full level

D21F 3/02 (2006.01); **D21G 1/00** (2006.01)

CPC (source: EP)

D21F 3/0218 (2013.01); **D21G 1/006** (2013.01)

Cited by

CN105189864A; US9885150B2

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