

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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DOCDB simple family (publication)  
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