

Title (en)  
Impression roller

Title (de)  
Presseur

Title (fr)  
Rouleau d'impression

Publication  
**EP 0556463 B1 19970409 (DE)**

Application  
**EP 92120577 A 19921202**

Priority  
DE 4204871 A 19920218

Abstract (en)  
[origin: EP0556463A1] The invention relates to an impression roller (5), which is equipped with an electrostatic printing aid and provided with an axle (6) or shaft (20), of a printing unit which is arranged in a machine frame and has, above a steel casing (7), a lining (8) which is conductive to a limited extent, this lining (8) being electrically chargeable, the said impression roller (5) being characterised in that the axle or shaft of the impression roller is connected to the steel casing in an electrically conductive fashion and is electrically insulated from the machine frame (10), and in that an electrical voltage can be applied to the axle or to the shaft for the purpose of electrically charging the lining which is conductive to a limited extent.  
<IMAGE>

IPC 1-7  
**B41F 9/00**

IPC 8 full level  
**B41F 13/00** (2006.01); **B41F 9/00** (2006.01); **B41F 13/18** (2006.01)

CPC (source: EP US)  
**B41F 9/001** (2013.01 - EP US)

Cited by  
DE19602289A1; EP1795347A3; DE19602307A1; EP2308680A1; DE102008006269B3; EP1780011A3; DE202007002726U1; WO9843905A1; DE202013007840U1; EP2845731A1; EP1780011A2; US8444538B2; WO2009094499A1; EP2363287A1; DE202010003517U1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0556463 A1 19930825; EP 0556463 B1 19970409**; AT E151344 T1 19970415; DE 4204871 A1 19930819; DE 4204871 C2 19950608; DE 59208332 D1 19970515; DE 9218818 U1 19950831; DK 0556463 T3 19970721; ES 2099787 T3 19970601; JP 2920450 B2 19990719; JP H05278195 A 19931026; US 5322011 A 19940621

DOCDB simple family (application)  
**EP 92120577 A 19921202**; AT 92120577 T 19921202; DE 4204871 A 19920218; DE 59208332 T 19921202; DE 9218818 U 19920218; DK 92120577 T 19921202; ES 92120577 T 19921202; JP 2766093 A 19930217; US 1888593 A 19930217