

Title (en)
Layered roller

Title (de)
Mehrschichtige Walze

Title (fr)
Rouleau avec plusieurs couches

Publication
EP 1195262 B1 20060412 (EN)

Application
EP 01121795 A 20010921

Priority
US 67942100 A 20001004

Abstract (en)
[origin: EP1195262A2] A roller that is insensitive to changes in engagement and drag torque, includes a rigid core; a first layer surrounding the core and having a Poisson's ratio of between 0.4 and 0.5 and a modulus of elasticity of between 0.2 and 10 MPa; a second layer surrounding the first layer and having a modulus of elasticity between 50 thousand and 210 thousand MPa; and a third layer surrounding the second layer and having a Poisson ratio of between 0.4 and 0.5 and a modulus of elasticity of between 0.2 and 10 Mega-Pascals. <IMAGE>

IPC 8 full level
B65H 5/06 (2006.01); **B65H 27/00** (2006.01); **B41F 13/08** (2006.01); **B41N 7/00** (2006.01); **F16C 13/00** (2006.01)

CPC (source: EP)
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Cited by
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DE ES GB

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EP 1195262 A2 20020410; **EP 1195262 A3 20040428**; **EP 1195262 B1 20060412**; DE 60118679 D1 20060524; DE 60118679 T2 20070125; ES 2258051 T3 20060816; JP 2002195249 A 20020710

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EP 01121795 A 20010921; DE 60118679 T 20010921; ES 01121795 T 20010921; JP 2001303991 A 20010928