Title (en)
Method for manufacturing a calendar roll and calendar roll

Title (de)
Verfahren zum Herstellen einer Kalanderwalze und Kalanderwalze

Title (fr)
Procédé de fabrication d'un cylindre de calandre et cylindre de calandre

Publication
EP 2157234 A3 20131030 (DE)

Application
EP 09163887 A 20090626

Priority
DE 102008037999 A 20080816

Abstract (en)
[origin: EP2157234A2] The method comprises subjecting a further layer (4) on external of an elastic layer (3) by high-speed flame spraying. The further layer forms a self-flowing alloy and the elastic layer cools during the application of the further layer, by using carbon dioxide. The thickness of the further layer is adjusted to 3-10 mu m. The further layer forms a nickel containing material mixture or nickel containing alloy. The material of the further layer is subjected on the elastic layer with a temperature of 2000[deg] C and/or with a velocity of 650 m/s. An independent claim is included for a calander roller.

IPC 8 full level
D21F 3/08 (2006.01); D21G 1/02 (2006.01)

CPC (source: EP)
D21F 3/08 (2013.01); D21G 1/0233 (2013.01)

Citation (search report)
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- [Y] WO 2008086896 A1 20080724 - METSO PAPER INC [FI], et al
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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EP 09163887 A 20090626; DE 102008037999 A 20080816