

Title (en)
METHOD FOR THE PRODUCTION OF AN OPTIMIZED BONDING AGENT LAYER BY MEANS OF PARTIAL EVAPORATION OF THE BONDING AGENT LAYER, AND A LAYER SYSTEM

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER OPTIMIERTEN HAFTVERMITTLERSCHICHT DURCH TEILWEISE VERDAMPFUNG DER HAFTVERMITTLERSCHICHT UND EIN SCHICHTSYSTEM

Title (fr)
PROCÉDÉ DE RÉALISATION D'UNE COUCHE PROMOTRICE D'ADHÉSION OPTIMISÉE PAR ÉVAPORATION PARTIELLE DE LA COUCHE PROMOTRICE D'ADHÉSION ET SYSTÈME DE REVÊTEMENT

Publication
EP 2279282 A1 20110202 (DE)

Application
EP 09745632 A 20090407

Priority

- EP 2009054127 W 20090407
- EP 08009023 A 20080515
- EP 09745632 A 20090407

Abstract (en)
[origin: EP2119805A1] Production of a layer system (10 comprises coating a substrate (4) with a layer (7) of a MCrAlX or MCrAl alloy, where M= Ni or Co. The product is heat-treated so that chromium evaporates from the coating to give an outer layer with a reduced chromium content as compared with the inner layer (8). An independent claim is included for a layer system produced using the process in which the outer layer of the coating has a different composition to the inner layer and is not applied using a second coating method.

IPC 8 full level
C23C 4/18 (2006.01)

CPC (source: EP US)
C23C 4/18 (2013.01 - EP US); **Y02T 50/60** (2013.01 - US); **Y10T 428/12778** (2015.01 - EP US)

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