

Title (en)  
PLAIN OR ZINC-PLATED STEEL PLATE COATED WITH A ZINC OR ZINC ALLOY LAYER COMPRISING A POLYMER, AND METHOD FOR MAKING SAME BY ELECTROPLATING

Title (de)  
NACKTES STAHLBLECH ODER VERZINKTES STAHLBLECH BESCHICHTET MIT EINER POLYMERENTHALTENDEN ZINK- ODER ZINKLEGIERUNGSSCHICHT UND VERFAHREN ZUR HERSTELLUNG DESSELBEN DURCH ELEKTROPLATTIEREN

Title (fr)  
TOLE D ACIER NU OU D ACIER ZINGUE REVETUE D UNE COUCHE DE ZINC OU D ALLIAGE DE ZINC COMPRENANT UN POLYMER, ET PROCEDE DE FABRICATION PAR ELECTRODEPOSITION

Publication  
**EP 1565597 A1 20050824 (FR)**

Application  
**EP 03782562 A 20031114**

Priority  
• FR 0303377 W 20031114  
• FR 0214421 A 20021119

Abstract (en)  
[origin: FR2847275A1] A sheet of bare or zinc-coated steel which is additionally coated on at least one of its faces with a single layer of zinc or zinc alloy containing 0.15-1 wt.% of a polymer consisting of 6-150 identical or different units of specified formula and optionally comprising polyallyl units. The units are of Formula  $-(CH_2-C(R)(CONH_2))-$  R = H, CH<sub>3</sub>

IPC 1-7  
**C25D 3/22**; **C25D 15/02**; **C25D 5/10**; **C25D 5/26**; **C25D 5/48**; **C23C 28/00**

IPC 8 full level  
**C23C 2/26** (2006.01); **C23C 28/00** (2006.01); **C25D 3/22** (2006.01); **C25D 15/02** (2006.01); **C25D 5/10** (2006.01); **C25D 5/48** (2006.01)

CPC (source: EP KR US)  
**C09D 5/24** (2013.01 - KR); **C09D 5/443** (2013.01 - KR); **C09D 5/4461** (2013.01 - KR); **C09D 5/4465** (2013.01 - KR); **C09D 5/448** (2013.01 - KR); **C23C 2/06** (2013.01 - KR); **C23C 2/26** (2013.01 - KR); **C23C 28/00** (2013.01 - EP KR US); **C25D 3/22** (2013.01 - EP KR US); **C25D 5/48** (2013.01 - KR); **C25D 5/60** (2020.08 - KR); **C25D 13/16** (2013.01 - KR); **C25D 15/02** (2013.01 - EP KR US); **C25D 5/10** (2013.01 - EP US); **C25D 5/48** (2013.01 - EP US); **Y10T 428/12535** (2015.01 - EP US); **Y10T 428/12562** (2015.01 - EP US); **Y10T 428/12569** (2015.01 - EP US); **Y10T 428/12792** (2015.01 - EP US)

Designated contracting state (EPC)  
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