

Title (en)

ANTI-CORROSION COATING WITH IMPROVED ADHESION

Title (de)

KORROSIONSSCHUTZBESCHICHTUNG MIT VERBESSERTER HAFTUNG

Title (fr)

REVÊTEMENT DE PROTECTION CONTRE LA CORROSION À ADHÉRENCE AMÉLIORÉE

Publication

EP 2195471 A1 20100616 (DE)

Application

EP 08802862 A 20081010

Priority

- EP 2008008594 W 20081010
- DE 102007048504 A 20071010

Abstract (en)

[origin: WO2009049836A1] The invention relates to an anti-corrosion coating for steel sheets, which are subjected to heating to or above the austenization temperature and to quench hardening for hardening purposes, wherein the coating is a coating comprising primarily zinc and that is applied onto the steel sheet during a hot dipping process. The invention is characterized in that the coating comprises 0.1 to 5% aluminum and 0.2 to 2% magnesium, in addition to zinc and possibly present inevitable impurities.

IPC 8 full level

C23C 2/06 (2006.01); **C23C 2/26** (2006.01)

CPC (source: EP US)

C23C 2/06 (2013.01 - EP); **C23C 2/28** (2013.01 - EP US); **C23C 2/29** (2022.08 - EP US)

Citation (search report)

See references of WO 2009049836A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007048504 A1 20090416; **DE 102007048504 B4 20131107**; DE 202008017609 U1 20100107; EP 2195471 A1 20100616; WO 2009049836 A1 20090423

DOCDB simple family (application)

DE 102007048504 A 20071010; DE 202008017609 U 20081010; EP 08802862 A 20081010; EP 2008008594 W 20081010