

Title (en)

METHOD FOR PRODUCING A SHEET STEEL PRODUCT PROTECTED AGAINST CORROSION

Title (de)

VERFAHREN ZUM HERSTELLEN EINES KORROSIONSGESCHÜTZTEN STAHLFLACHPRODUKTS

Title (fr)

PROCEDE DE FABRICATION D'UN PRODUIT EN TOLE D'ACIER PROTEGE CONTRE LA CORROSION

Publication

**EP 1934386 A2 20080625 (DE)**

Application

**EP 06793750 A 20060922**

Priority

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- DE 102005045780 A 20050923

Abstract (en)

[origin: EP1767670A1] In a process to make corrosion-resistant sheet steel with properties suitable for selected applications, the sheet steel is coated with a layer of zinc, followed by mechanical or chemical cleaning. Immediately following the cleaning process, the zinc-coated sheet steel is coated using magnesium vapor deposition prior to hot galvanization at 335-359C. Hot galvanization forms a diffusion or convection layer between the zinc and magnesium layers.

IPC 8 full level

**C23F 17/00** (2006.01)

CPC (source: EP KR US)

**C23C 26/00** (2013.01 - EP US); **C23F 17/00** (2013.01 - KR); **C23G 1/10** (2013.01 - EP US); **C23G 1/20** (2013.01 - EP US)

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