

Title (en)
HIGH-STRENGTH HOT-ROLLED PLATED STEEL SHEET AND METHOD FOR MANUFACTURING SAME

Title (de)
HOCHFESTES HEISSGEWALZTES STAHLBLECH UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
TÔLE D'ACIER PLAQUÉE LAMINÉE À CHAUD À HAUTE RÉSISTANCE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3040427 A1 20160706 (EN)

Application
EP 14841141 A 20140129

Priority
• KR 20130104170 A 20130830
• KR 2014000854 W 20140129

Abstract (en)
Disclosed is a high-strength hot-rolled plated steel sheet capable of suppressing material deterioration at the time of plating, while having high strength, and a method for manufacturing the same. The high-strength hot-rolled plated steel sheet may include: a hot-rolled steel sheet base material composed of 0.03-0.1wt% of C, below 0.06wt% of Si, 0.7-2.0wt% of Mn, below 0.02wt% of P, below 0.01wt% of S, 0.1-0.5wt% of one or more precipitate forming elements, 0.3-1.0wt% of Al, 0.1-0.5wt% of Mo, Fe, and unavoidable impurities; and a plated layer formed on the surface of the hot-rolled steel sheet base material.

IPC 8 full level
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CPC (source: EP KR US)
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