

Title (en)  
STEEL SHEET AND METHOD FOR MANUFACTURING SAME

Title (de)  
STAHLBLECH UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
TÔLE D'ACIER ET PROCÉDÉ DE PRODUCTION DE CELLE-CI

Publication  
**EP 3825436 A1 20210526 (EN)**

Application  
**EP 19850397 A 20190805**

Priority  
• JP 2018030364 W 20180815  
• JP 2019030769 W 20190805

Abstract (en)  
Provided is a high-Mn steel having excellent corrosion resistance particularly in salt corrosive environments. A steel plate comprises a chemical composition containing C: 0.20 % or more and 0.70 % or less, Si: 0.05 % or more and 1.00 % or less, Mn: 15.0 % or more and 35.0 % or less, P: 0.030 % or less, S: 0.0200 % or less, Al: 0.010 % or more and 0.100 % or less, Cr: 0.5 % or more and 8.0 % or less, and N: 0.0010 % or more and 0.0300 % or less, with a balance consisting of Fe and inevitable impurities, wherein 60 % or more of the Cr is solute Cr.

IPC 8 full level  
**C22C 38/38** (2006.01); **C21D 6/00** (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/06** (2006.01); **C22C 38/20** (2006.01); **C22C 38/22** (2006.01); **C22C 38/24** (2006.01); **C22C 38/26** (2006.01); **C22C 38/28** (2006.01); **C22C 38/32** (2006.01); **C22C 38/54** (2006.01); **C22C 38/58** (2006.01); **C22C 38/60** (2006.01)

CPC (source: EP KR)  
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DOCDB simple family (publication)  
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