

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 A4 20210526 (EN)

Application
EP 19850397 A 20190805

Priority
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• JP 2019030769 W 20190805

Abstract (en)
[origin: EP3825436A1] 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
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Citation (search report)
• [X] JP 2017155300 A 20170907 - NIPPON STEEL & SUMITOMO METAL CORP
• [XD] JP 2016084529 A 20160519 - NIPPON STEEL & SUMITOMO METAL CORP
• [I] WO 2018104984 A1 20180614 - JFE STEEL CORP [JP]
• [AD] JP 2016196703 A 20161124 - NIPPON STEEL & SUMITOMO METAL CORP
• [A] JP 2017071817 A 20170413 - NIPPON STEEL & SUMITOMO METAL CORP
• [A] WO 2017111510 A1 20170629 - POSCO [KR]
• See references of WO 2020036090A1

Designated contracting state (EPC)
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