

Title (en)
AUSTENITIC STEEL HAVING HIGH STRENGTH AND FORMABILITY METHOD OF PRODUCING SAID STEEL AND USE THEREOF

Title (de)
AUSTENITISCHER STAHL MIT HOHER FESTIGKEIT UND VERFORMBARKEIT, VERFAHREN ZU SEINER HERSTELLUNG UND DESSEN VERWENDUNG

Title (fr)
ACIER AUSTÉNITIQUE À HAUTE RÉSISTANCE ET PROCÉDÉ POUR SA FABRICATION ET SON UTILISATION

Publication
EP 1846584 B1 20170524 (EN)

Application
EP 06706689 A 20060201

Priority

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- EP 05076960 A 20050825
- EP 06706689 A 20060201

Abstract (en)
[origin: WO2006082104A1] Substantially austenitic steel having high strength and good formability for cold rolling comprising (in weight percent) - 0.05 to 1.0 % C - 11.0 to 14.9% Mn - 1.0 to 5.0% Al - O to 2.5% Ni the remainder being iron and unavoidable impurities, wherein the microstructure comprises at least 75% in volume of austenite, and wherein (Ni+Mn) is from 11.0 to 15.9%

IPC 8 full level
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Citation (opposition)
Opponent : ArcelorMittal

- US 3847683 A 19741112 - SASTRI A
- EP 1937861 A1 20080702 - POSCO CO LTD [KR]
- GB 297420 A 19300203 - KRUPP AG
- FR 2829775 A1 20030321 - USINOR [FR]
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- EP 1449596 A1 20040825 - CORUS TECHNOLOGY BV [NL]
- EP 1979500 A1 20081015 - POSCO [KR]

Cited by
US10774395B2; EP3831597A4; US11752752B2; US11247252B2

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