

Title (en)

STEEL FOR HIGH-STRENGTH COMPONENTS COMPRISING BANDS, SHEETS OR TUBES HAVING EXCELLENT FORMABILITY AND PARTICULAR SUITABILITY FOR HIGH-TEMPERATURE COATING PROCESSES

Title (de)

STAHL FÜR HOCHFESTE BAUTEILE AUS BÄNDERN, BLECHEN ODER ROHREN MIT AUSGEZEICHNETER UMFORMBARKEIT UND BESONDERER EIGNUNG FÜR HOCHTEMPERATUR-BESCHICHTUNGSVERFAHREN

Title (fr)

ACIER POUR ÉLÉMENTS DE CONSTRUCTION TRÈS RÉSISTANTS SOUS FORME DE RUBANS, DE TÔLES OU DE TUYAUX AYANT UNE EXCELLENTE MALLÉABILITÉ ET ÉTANT PARTICULIÈREMENT ADAPTÉS AUX PROCÉDÉS DE REVÊTEMENT À HAUTE TEMPÉRATURE

Publication

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Application

**EP 08855857 A 20081105**

Priority

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Abstract (en)

[origin: US2011024006A1] A steel for high-strength components including bands, sheets or pipes having excellent formability and particular suitability for high-temperature coating processes above Ac3 (about 900° C.) is disclosed. The steel includes the following elements (contents in % by mass): C 0.07 to  $\leq 0.15$ , Al  $\leq 0.05$ , Si  $\leq 0.80$ , Mn 1.60 to  $\leq 2.10$ , P  $\leq 0.020$ , S  $\leq 0.010$ , Cr 0.50 to  $\leq 1.0$ , Mo 0.10 to  $\leq 0.30$ , Timin 48/14x[N], V 0.03 to  $\leq 0.12$ , B 0.0015 to  $\leq 0.0050$ , with the balance iron including usual steel-accompanying elements.

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

DE102014017274A1; DE102014017273A1; DE102014017275A1; DE102017218434A1; WO2016078644A1; WO2016078643A1; US10640855B2; WO2016078642A1

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