

Title (en)

HIGH STRENGTH COLD ROLLED STEEL SHEET FOR AUTOMOTIVE USE

Title (de)

HOCHFESTES KALTGEWALZTES STAHLBLECH ZUR AUTOMOTIVEN VERWENDUNG

Title (fr)

TÔLE D'ACIER LAMINÉE À FROID À HAUTE RÉSISTANCE DESTINÉE À ÊTRE UTILISÉE DANS LES AUTOMOBILES

Publication

**EP 3529392 A1 20190828 (EN)**

Application

**EP 17808049 A 20171124**

Priority

- SE 1651545 A 20161125
- EP 2017080322 W 20171124

Abstract (en)

[origin: WO2018096090A1] The invention relates to A high strength cold rolled steel sheet having a composition consisting of the following elements (in wt. %): C 0.07 - 0.15 Mn 2.3 - 3.2 Si 0.6 - 1.2 Cr 0.05 - 0.5 Al  $\leq$  0.2 Nb  $\leq$  0.1 balance Fe apart from impurities, a multiphase microstructure comprising a matrix of bainitic ferrite and a tensile strength (Rm) of 980 – 1100 MPa

IPC 8 full level

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CPC (source: EP KR SE US)

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Cited by

WO2020096555A3; SE2150431A1; SE544819C2

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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