

Title (en)

HIGH STRENGTH HIGH DUCTILITY STEEL WITH SUPERIOR FORMABILITY

Title (de)

HOCHFESTER HOCHDEHNBARER STAHL MIT ÜBERRAGENDER VERFORMBARKEIT

Title (fr)

ACIER À DUCTILITÉ ÉLEVÉE À HAUTE RÉSISTANCE AYANT UNE FORMABILITÉ SUPÉRIEURE

Publication

**EP 3421629 B1 20200422 (EN)**

Application

**EP 17178502 A 20170628**

Priority

EP 17178502 A 20170628

Abstract (en)

[origin: EP3421629A1] This invention relates to relates to a high strength steel sheet as hot-rolled and cold-rolled products useful for frame components for vehicles and automobiles such as frames for trucks, or a component of a structure or engineering project.

IPC 8 full level

**C22C 38/00** (2006.01)

CPC (source: EP US)

**C21D 9/46** (2013.01 - EP); **C22C 38/04** (2013.01 - EP); **C22C 38/06** (2013.01 - EP); **C23C 2/02** (2013.01 - EP US); **C23C 2/0224** (2022.08 - EP US); **C23C 2/024** (2022.08 - EP US); **C23C 2/06** (2013.01 - EP); **C23C 2/12** (2013.01 - EP); **C23C 2/40** (2013.01 - EP); **C21D 2211/005** (2013.01 - EP)

Cited by

CN113025790A; CN110527908A; CN116005078A; CN113502382A; CN117127099A; WO2023135550A1; WO2020011911A1; WO2022123299A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3421629 A1 20190102; EP 3421629 B1 20200422; ES 2794646 T3 20201118**

DOCDB simple family (application)

**EP 17178502 A 20170628; ES 17178502 T 20170628**