

Title (en)

AUSTENITIC STAINLESS STEEL COMPOSITION AND USE THEREOF FOR THE PRODUCTION OF STRUCTURAL PARTS FOR LAND TRANSPORT MEANS AND CONTAINERS

Title (de)

AUSTENITISCHE NICHTROSTENDE STAHLZUSAMMENSETZUNG UND DEREN VERWENDUNG ZUR HERSTELLUNG VON BAUTEILEN FÜR LANDTRANSPORTMITTEL UND CONTAINERN

Title (fr)

COMPOSITION D'ACIER INOXYDABLE AUSTENITIQUE ET SON UTILISATION POUR LA FABRICATION DE PIECES DE STRUCTURE DE MOYENS DE TRANSPORT TERRESTRES ET DE CONTAINERS

Publication

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Application

EP 04767628 A 20040708

Priority

FR 2004001796 W 20040708

Abstract (en)

[origin: WO2006016010A1] The invention relates to an austenitic stainless steel composition containing by weight percent: C = 0.03 %, 14 % = Cr = 17 %, 8 % = Ni = 10 %, 2 % = Mo = 3.5 %, Mn = 2 %, Si = 1 %, N = 0.2 %, Cu = 1 %, Ti = 0.01 %, Co = 0.5 %, Sn = 0.4 %, P = 0.045 %, S = 0.03 %, the remainder comprising iron and unavoidable impurities resulting from preparation. The invention also relates to the use of said composition for the production of containers and structural parts for land transport means.

IPC 8 full level

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Citation (examination)

- JP H08120419 A 19960514 - NISSHIN STEEL CO LTD
- US 5376195 A 19941227 - SHINDO TAKUJI [JP], et al
- Austenitic wrought stainless steel 316S42 (BS 2056(83)); copyright ASM 2002 Int.

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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