

Title (en)
STEEL PLATE FOR CAP AND METHOD FOR PRODUCING SAME

Title (de)
STAHLBLECH FÜR KAPPE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
TÔLE D'ACIER POUR COUVERCLE ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 3205739 A1 20170816 (EN)

Application
EP 15849457 A 20151008

Priority

- JP 2014208696 A 20141010
- JP 2015189112 A 20150928
- JP 2015005115 W 20151008

Abstract (en)

Provided is a steel sheet for crown cap that, even when reduced in gauge, has sufficient strength and formability suitable for forming crown caps, and a method for producing the steel sheet for crown cap. The steel sheet for crown cap has a composition including, in terms of % by mass, C: 0.002% or more and 0.010% or less, Si: 0.05% or less, Mn: 0.05% or more and 0.30% or less, P: 0.030% or less, S: 0.020% or less, Al: less than 0.0100%, N: 0.0050% or less, and the balance being Fe and unavoidable impurities. The C content is more than 0.003% when the Al content is 0.005% or more. The yield strength in the rolling direction is 500 MPa or more. The average Lankford value described below is 1.3 or more.

IPC 8 full level
C22C 38/00 (2006.01); **C21D 9/46** (2006.01); **C22C 38/06** (2006.01)

CPC (source: EP KR US)
C21D 6/005 (2013.01 - US); **C21D 8/0221** (2013.01 - KR); **C21D 8/0268** (2013.01 - KR); **C21D 8/0436** (2013.01 - EP US); **C21D 8/0468** (2013.01 - EP US); **C21D 9/46** (2013.01 - EP KR US); **C21D 9/48** (2013.01 - EP US); **C22C 38/00** (2013.01 - EP US); **C22C 38/001** (2013.01 - EP US); **C22C 38/004** (2013.01 - EP KR US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/06** (2013.01 - EP KR US); **C21D 8/0426** (2013.01 - EP US)

Cited by
US10655199B2

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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

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BA ME

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