

Title (en)
LOW DUCTILITY ALLOY

Title (de)
LEGIERUNG MIT GERINGER DUKTILITÄT

Title (fr)
ALLIAGE DE FAIBLE DUCTILITÉ

Publication
EP 3167090 A1 20170517 (EN)

Application
EP 15729924 A 20150612

Priority
• GB 201412315 A 20140710
• GB 201415625 A 20140904
• GB 2015051740 W 20150612

Abstract (en)
[origin: WO2016005724A1] The present invention relates to a low ductility steel tube for use in chemical engineering applications. In particular, the invention relates to a high strength steel tube which has low ductility at elevated temperatures. Such tubes are typically used in chemical plants for transporting reactants and products. One such application includes the use in plants for producing hydrogen and methanol. The tubes could also be used when producing ethylene and other hydrocarbons.

IPC 8 full level
C22C 38/00 (2006.01); **C22C 30/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/04** (2006.01); **C22C 38/08** (2006.01); **C22C 38/12** (2006.01); **C22C 38/44** (2006.01); **C22C 38/48** (2006.01); **C22C 38/50** (2006.01); **C22C 38/58** (2006.01)

CPC (source: EP GB US)
C22C 30/00 (2013.01 - EP GB US); **C22C 38/001** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/08** (2013.01 - EP US); **C22C 38/12** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/48** (2013.01 - EP US); **C22C 38/50** (2013.01 - EP US); **C22C 38/58** (2013.01 - EP US); **Y02P 30/20** (2015.11 - EP US); **Y02P 30/40** (2015.11 - EP US)

Citation (search report)
See references of WO 2016005724A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016005724 A1 20160114; CA 2953240 A1 20160114; CA 2953240 C 20230801; EP 3167090 A1 20170517; GB 201621670 D0 20170201; GB 2542519 A 20170322; GB 2542519 A8 20170329; GB 2542519 B 20200408; US 2017130301 A1 20170511

DOCDB simple family (application)
GB 2015051740 W 20150612; CA 2953240 A 20150612; EP 15729924 A 20150612; GB 201621670 A 20150612; US 201515317600 A 20150612