

Title (en)

PROTECTED CARBON STEEL PIPE FOR FIRE TUBE HEAT EXCHANGE DEVICES, PARTICULARLY BOILERS

Title (de)

GESCHÜTZTES KOHLENSTOFFSTAHLROHR FÜR FEUERROHRWÄRMETAUSCHVORRICHTUNGEN, INSBESONDERE KESSEL

Title (fr)

CONDUIT D'ACIER ORDINAIRE PROTEGE POUR DES DISPOSITIFS D'ECHANGE THERMIQUE A TUBE DE FUMEE, NOTAMMENT DES CHAUDIERES

Publication

**EP 1872080 A1 20080102 (EN)**

Application

**EP 06724287 A 20060412**

Priority

- EP 2006003381 W 20060412
- IT MN20050023 A 20050418
- IT MN20060012 A 20060222

Abstract (en)

[origin: WO2006111315A1] A protected carbon steel pipe (6) for fire tube heat exchange devices, particularly boilers, comprising internally, at least along a portion of its length, at least one bonded layer (7) of corrosion-resistant material.

IPC 8 full level

**F28F 1/02** (2006.01); **F28F 1/40** (2006.01); **F28F 13/06** (2006.01); **F28F 19/06** (2006.01)

CPC (source: EP US)

**F28F 1/003** (2013.01 - EP US); **F28F 1/022** (2013.01 - EP US); **F28F 1/40** (2013.01 - EP US); **F28F 13/06** (2013.01 - EP US); **F28F 19/06** (2013.01 - EP US); **F28F 2215/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2006111315A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2006111315 A1 20061026**; CA 2603454 A1 20061026; EA 011432 B1 20090227; EA 200702265 A1 20080228; EP 1872080 A1 20080102; US 2009266529 A1 20091029

DOCDB simple family (application)

**EP 2006003381 W 20060412**; CA 2603454 A 20060412; EA 200702265 A 20060412; EP 06724287 A 20060412; US 88763806 A 20060412