

Title (en)

METHOD OF PROTECTING EQUIPMENT AGAINST CORROSION AT HIGH TEMPERATURE

Title (de)

VERFAHREN ZUM SCHUTZ EINES GERÄTS VOR KORROSION BEI HOHEN TEMPERATUREN

Title (fr)

PROCEDE DE PROTECTION D'EQUIPEMENTS CONTRE LA CORROSION A HAUTE TEMPERATURE

Publication

EP 1606050 A1 20051221 (EN)

Application

EP 04717178 A 20040304

Priority

- IB 2004000690 W 20040304
- FR 0303238 A 20030317
- US 60353003 A 20030625

Abstract (en)

[origin: WO2004082824A1] The invention relates to a method of protecting equipment intended to operate at high temperature in the presence of a fluid containing at least one hydrocarbon and/or carbon monoxide against corrosion by metal dusting and/ or carburization, method in which pieces of the equipment are made from an alloy containing nickel, iron, chromium and/or aluminum, and/or copper and in which said pieces of the equipment are protected from said corrosion by a protective coating. This method is characterized in that said equipment pieces protected in this way are connected to each other by means of joining pieces, said joining pieces being protected beforehand over at least part of their surface intended to be brought into contact with said fluid at high temperature, and in that each of the connections intended to be subjected to said corrosion is produced by external welding of the ends of the joining piece with said pieces of equipment.

IPC 1-7

B01J 19/02; **B01J 19/00**; **F16L 13/02**

IPC 8 full level

B01J 19/00 (2006.01); **B01J 19/02** (2006.01); **F16L 13/02** (2006.01); **F16L 58/08** (2006.01)

CPC (source: EP)

B01J 19/0053 (2013.01); **B01J 19/02** (2013.01); **F16L 13/02** (2013.01); **F16L 13/0272** (2013.01); **F16L 58/08** (2013.01); **B01J 2219/0236** (2013.01); **B01J 2219/0281** (2013.01)

Citation (search report)

See references of WO 2004082824A1

Citation (examination)

US 2895747 A 19590721 - JULIUS BLAND, et al

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

DOCDB simple family (publication)

WO 2004082824 A1 20040930; EP 1606050 A1 20051221

DOCDB simple family (application)

IB 2004000690 W 20040304; EP 04717178 A 20040304