

Title (en)

WELDING ADDITIVE MATERIAL, USE OF THE WELDING ADDITIVE MATERIAL, WELDING METHODS AND COMPONENT

Title (de)

SCHWEISSZUSATZWERKSTOFF, VERWENDUNG DES SCHWEISSZUSATZWERKSTOFFES, VERFAHREN ZUM SCHWEISSEN UND BAUTEIL

Title (fr)

MATERIAU DE REMPLISSAGE POUR SOUDURE, UTILISATION DU MATERIAU DE REMPLISSAGE POUR SOUDURE, PROCEDE DE SOUDAGE ET ELEMENT DE CONSTRUCTION

Publication

**EP 1996740 A1 20081203 (DE)**

Application

**EP 07712229 A 20070216**

Priority

- EP 2007051496 W 20070216
- EP 06005565 A 20060317
- EP 07712229 A 20070216

Abstract (en)

[origin: EP1835040A1] Welding additive material containing preferably (wt. %): Cr (19), Co (10), Mo (8.5), Ti (2.3), Al (1.4), C (0.06), B (0.005), Fe (0.5), Mn (0.15), Si (0.1), remainder Ni. Independent claims are included for: (1) a process for welding a component using the welding additive material (2) a Ni-based component.

IPC 8 full level

**C22C 19/05** (2006.01); **B23K 35/30** (2006.01)

CPC (source: EP KR US)

**B23K 35/0261** (2013.01 - EP US); **B23K 35/30** (2013.01 - KR); **B23K 35/304** (2013.01 - EP US); **B23K 35/383** (2013.01 - EP US); **C22C 19/05** (2013.01 - KR); **C22C 19/056** (2013.01 - EP US); **F05B 2230/232** (2013.01 - EP US)

Citation (search report)

See references of WO 2007107419A1

Cited by

CN103480983A

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)

**EP 1835040 A1 20070919**; CN 101405416 A 20090408; EP 1996740 A1 20081203; KR 20080113229 A 20081229; RU 2008141148 A 20100427; US 2009285715 A1 20091119; WO 2007107419 A1 20070927

DOCDB simple family (application)

**EP 06005565 A 20060317**; CN 200780009430 A 20070216; EP 07712229 A 20070216; EP 2007051496 W 20070216; KR 20087024690 A 20081009; RU 2008141148 A 20070216; US 22508807 A 20070216