

Title (en)
IRON-CARBON MASTER ALLOY

Title (de)
EISEN-KOHLNSTOFF MASTERALLOY

Title (fr)
ALLIAGE MAÎTRE FER-CARBONE

Publication
EP 2379763 A1 20111026 (DE)

Application
EP 09799095 A 20091217

Priority
• EP 2009067445 W 20091217
• AT 19892008 A 20081219

Abstract (en)
[origin: WO2010070065A1] An iron-carbon master alloy is described, with a C content of 0.3 to 8 wt % and an upper limit of alloying metals Ni < 10 wt %, P < 4 wt %, Cr < 5 wt %, preferably < 1 wt %, Mn < 5 wt %, preferably < 1 wt %, Mo < 3 wt %, W < 3 wt %, Cu < 1 wt %, a particle size of > 20 µm and a hardness of < 350 HV 0.01, and a method for the manufacture of said master alloy.

IPC 8 full level
C22C 33/02 (2006.01); **B22F 1/00** (2006.01); **B22F 9/04** (2006.01); **B22F 9/08** (2006.01)

CPC (source: EP US)
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C22C 38/44 (2013.01 - EP US); **C22C 38/56** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP US); **C21D 1/18** (2013.01 - EP US)

Citation (search report)
See references of WO 2010070065A1

Designated contracting state (EPC)
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WO 2010070065 A1 20100624; AT 507707 A1 20100715; AT 507707 B1 20100915; EP 2379763 A1 20111026; EP 2379763 B1 20190717;
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