Title (en)

CARBONACOUS MATERIAL ADDITIVE FOR REDUCING EMISSIONS AND IMPROVING SAND ADHERENCE

Title (de)

ADDITIV AUS KOHLENSTOFFHALTIGEM MATERIAL ZUR REDUZIERUNG DER EMISSION UND ZUR VERBESSERUNG DER SANDHAFTUNG

Title (fr)

ADDITIF DE MATÉRIAU CARBONÉ DESTINÉ À RÉDUIRE LES ÉMISSIONS ET À AMÉLIORER L'ADHÉRENCE AU SABLE

Publication

EP 3208012 A1 20170823 (EN)

Application

EP 17155559 A 20170210

Priority

SE 1650208 A 20160217

Abstract (en)

A carbonaceous additive for a moulding material for casting iron, wherein the carbonaceous additive comprises coke in an amount of 25 % by weight of the carbonaceous material or more, but less than 50 % by weight of the carbonaceous material, pit coal in an amount of 45 % by weight of the carbonaceous material or more, but less than 65 % by weight of the carbonaceous material, and optionally coal dust replacement in an amount of 20 % by weight of the carbonaceous material or less, and in that the amount of pit coal is greater than the amount of coke.

IPC 8 full level

B22C 1/02 (2006.01)

CPC (source: EP SE)

B22C 1/02 (2013.01 - EP); **B22C 1/14** (2013.01 - SE); **B22C 9/02** (2013.01 - SE)

Citation (applicant)

EP 1800771 A1 20070627 - SWECAST AB [SE]

Citation (search report)

- [XA] CN 101845342 A 20100929 - CHENGDU FANXINJIA TECH CO LTD
- [IDA] EP 1800771 A1 20070627 - SWECAST AB [SE]
- [A] DE 2317218 A1 19741017 - HEINZE GERALD
- [XA] AMYOTTE ET AL: "Reduction of Dust Explosion Hazard by Fuel Substitution in Power Plants", PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, INSTITUTION OF CHEMICAL ENGINEERS, RUGBY, GB, vol. 81, no. 6, 1 November 2003 (2003-11-01), pages 457 - 462, XP022528597, ISSN: 0957-5820, DOI: 10.1205/095758203770866629

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)

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DOCDB simple family (application)

EP 17155559 A 20170210; SE 1650208 A 20160217