

Title (en)  
METHOD AND DEVICE FOR PRODUCING PRESSED ARTICLES

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON PRESSLINGEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE FABRICATION DE BRIQUETTES

Publication  
**EP 2542705 A1 20130109 (DE)**

Application  
**EP 11704971 A 20110218**

Priority  
• AT 3502010 A 20100304  
• EP 2011052383 W 20110218

Abstract (en)  
[origin: CA2791828A1] The invention relates to a method for producing pressed articles which contain direct-reduced, fine particulate iron (direct reduced iron, DRI) from a fluidized bed reduction system (1) for direct reduction of fine particulate iron ore (2), wherein direct-reduced, fine particulate iron (DRI) produced in the fluidized bed reduction system (1) during direct reduction is compacted into pressed articles (8). The method is characterized in that dry, fine particulate material containing at least fine particulate iron ore (2) and optionally fine particulate iron and carbon is admixed to the direct-reduced fine particulate iron (DRI) and the mixture thus obtained is subsequently compacted into pressed articles (8). The invention further relates to a device for carrying out the method.

IPC 8 full level  
**C21B 13/00** (2006.01)

CPC (source: EP KR US)  
**C21B 13/0033** (2013.01 - EP KR US); **C21B 13/0046** (2013.01 - EP KR US); **C21B 13/14** (2013.01 - KR); **Y02P 10/134** (2015.11 - EP KR US)

Citation (search report)  
See references of WO 2011107349A1

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

DOCDB simple family (publication)  
**AT 508930 A4 20110515; AT 508930 B1 20110515**; AU 2011223100 A1 20120920; AU 2011223100 B2 20140717; BR 112012022300 A2 20171031; CA 2791828 A1 20110909; CN 102782162 A 20121114; EP 2542705 A1 20130109; JP 2013521407 A 20130610; KR 20130009986 A 20130124; KR 20180030268 A 20180321; RU 2012142173 A 20140410; RU 2555318 C2 20150710; UA 107955 C2 20150310; US 2012328465 A1 20121227; US 9382594 B2 20160705; WO 2011107349 A1 20110909

DOCDB simple family (application)  
**AT 3502010 A 20100304**; AU 2011223100 A 20110218; BR 112012022300 A 20110218; CA 2791828 A 20110218; CN 201180012377 A 20110218; EP 11704971 A 20110218; EP 2011052383 W 20110218; JP 2012555355 A 20110218; KR 20127026004 A 20110218; KR 20187007405 A 20110218; RU 2012142173 A 20110218; UA A201210469 A 20110218; US 201113582733 A 20110218