

Title (en)  
METHOD FOR THE MANUFACTURE OF AGGLOMERATE CONTAINING FERROUS MATERIAL

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON AGGLOMERATEN MIT EISENHALTIGEM MATERIAL

Title (fr)  
PROCÉDÉ POUR LA FABRICATION D'AGGLOMÉRÉ CONTENANT UN MATÉRIAU FERREUX

Publication  
**EP 3124628 A1 20170201 (EN)**

Application  
**EP 15020131 A 20150730**

Priority  
EP 15020131 A 20150730

Abstract (en)  
The invention relates to a method for the manufacture of an agglomerate comprising ferrous material, carbon material and fluxes, wherein a polyvinyl alcohol solution is used as a binder, as well as to the agglomerate made according to the method and the use of such an agglomerate in an iron- or steelmaking process. The formation and chemistry of the agglomerate give rise to a three stage binding process to withstand the forces within the Blast Furnace and BOS Steelmaking process until melt out occurs.

IPC 8 full level  
**C22B 1/243** (2006.01); **C22B 1/245** (2006.01)

CPC (source: EP)  
**C22B 1/243** (2013.01); **C22B 1/245** (2013.01)

Citation (search report)

- [X] US 5589118 A 19961231 - FORD JR GEORGE W [US], et al
- [X] US 6384126 B1 20020507 - PIRTLE JAMES [US], et al
- [X] JP 2003247026 A 20030905 - NISSHIN STEEL CO LTD
- [X] CN 103276203 B 20141029

Cited by  
AU2018254823B2; WO2020021244A1; US11932917B2; WO2018193243A1

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)  
**EP 3124628 A1 20170201**

DOCDB simple family (application)  
**EP 15020131 A 20150730**