

Title (en)
IRON AND NIOBIUM CONTAINING AGGLOMERATES

Title (de)
EISEN- UND NIOBHALTIGE AGGLOMERATE

Title (fr)
AGGLOMÉRATS CONTENANT DU FER ET DU NIOBIUM

Publication
EP 2961856 A4 20160907 (EN)

Application
EP 14756421 A 20140228

Priority
• SE 1300161 A 20130301
• SE 2014050247 W 20140228

Abstract (en)
[origin: WO2014133447A1] Iron and niobium containing agglomerates and a process for producing the agglomerates are disclosed. Green agglomerates are produced from a mixture of an iron containing powder, a niobium oxide powder, and a carbonaceous powder. In a preferred embodiment sodium carbonate is added to the agglomerates. The green agglomerates can be reduced at a temperature in the range of 1000-1500 °C.

IPC 8 full level
C22C 35/00 (2006.01); **C21C 7/00** (2006.01); **C22C 1/04** (2023.01); **C22C 27/02** (2006.01); **C22C 33/06** (2006.01)

CPC (source: EP)
C21B 11/06 (2013.01); **C21B 13/0046** (2013.01); **C21B 13/006** (2013.01); **C21B 13/08** (2013.01); **C22C 1/045** (2013.01); **C22C 27/02** (2013.01); **C22C 33/06** (2013.01); **C22C 35/00** (2013.01); **C22C 33/0235** (2013.01); **Y02P 10/134** (2015.11)

Citation (search report)
• [XA] US 3801308 A 19740402 - GUSTISON R
• [X] US 3982924 A 19760928 - PERFECT FREDERICK H
• [XA] GB 1069561 A 19670517 - UNION CARBIDE CORP
• [XA] DE 1294676 B 19690508 - UNION CARBIDE CORP
• [A] US 3271141 A 19660906 - KAVENEY THOMAS F, et al
• See references of WO 2014133447A1

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)
WO 2014133447 A1 20140904; EP 2961856 A1 20160106; EP 2961856 A4 20160907; TW 201446971 A 20141216

DOCDB simple family (application)
SE 2014050247 W 20140228; EP 14756421 A 20140228; TW 103106985 A 20140303