

Title (en)
AGGLOMERATION OF IRON OXIDE WASTE MATERIALS

Title (de)
AGGLOMERATION VON EISENOXIDABFALLSTOFFEN

Title (fr)
AGGLOMERATION DE DECHETS CONTENANT DE L'OXYDE DE FER

Publication
EP 0858516 A4 19990107 (EN)

Application
EP 96934207 A 19961031

Priority

- AU 9600683 W 19961031
- AU PN631595 A 19951101
- AU PN933096 A 19960417
- AU PN990696 A 19960516
- AU PO065796 A 19960625

Abstract (en)
[origin: WO9716573A1] An agglomerate for use in the conversion of iron oxide waste materials to valuable metallic products, the agglomerate at least comprising an iron oxide waste material, a source of free calcium ions, a binder, and water, wherein the iron oxide waste material contains an amount of iron hydroxide. The amount of iron hydroxide is preferably at least 10 % of the iron oxide waste material, and the iron oxide waste material is preferably the iron oxide produced as a by-product in the modified Becher process for the production of synthetic rutile.

IPC 1-7
C22B 1/24; **C22B 1/242**

IPC 8 full level
C21B 13/00 (2006.01); **C22B 1/24** (2006.01); **C22B 1/242** (2006.01)

CPC (source: EP)
C21B 13/0046 (2013.01); **C22B 1/24** (2013.01); **C22B 1/242** (2013.01); **Y02P 10/20** (2015.11)

Citation (search report)

- [A] US 5439505 A 19950808 - KROFCHAK DAVID [CA]
- [A] DE 4324343 A1 19950126 - KOEPPERL & CO KG MASCHF [DE], et al
- [A] EP 0044669 A1 19820127 - UNIV MICHIGAN TECH [US]
- [A] GB 1574719 A 19800910 - NAT RES DEV
- [A] DATABASE WPI Section Ch Week 8349, Derwent World Patents Index; Class M25, AN 83-836421, XP002083905
- See references of WO 9716573A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9716573 A1 19970509; AR 004268 A1 19981104; CA 2236258 A1 19970509; EP 0858516 A1 19980819; EP 0858516 A4 19990107

DOCDB simple family (application)
AU 9600683 W 19961031; AR P960105019 A 19961101; CA 2236258 A 19961031; EP 96934207 A 19961031