

Title (en)

METHOD OF PRODUCING METALS AND ALLOYS BY CARBOTHERMAL REDUCTION OF METAL OXIDES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON METALLEN UND LEGIERUNGEN DURCH CARBOTHERMISCHE REDUZIERUNG VON METALLOXIDEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE MÉTAUX ET ALLIAGES PAR RÉDUCTION CARBOTHERMIQUE D'OXYDES DE MÉTAUX

Publication

EP 2176435 A1 20100421 (EN)

Application

EP 08827006 A 20080804

Priority

- US 2008072050 W 20080804
- US 95432807 P 20070807

Abstract (en)

[origin: WO2009020890A1] A method of producing metals and alloys, the method comprising heating raw materials comprising at least one metal oxide, and agglomerates comprising a carbonaceous reducing agent and a cured binder to effect reduction of the metal oxide to the metal, wherein each agglomerate has at least one molded open channel, and an apparent density not greater than 99% of the apparent density of an identical agglomerate except without the channel.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009020890A1

Citation (examination)

- US 4497661 A 19850205 - VALENTI NICHOLAS [US]
- US 4247528 A 19810127 - DOSAJ VISHU D, et al

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