

Title (en)
METHOD OF PRODUCING AGGLOMERATES FROM METAL OXIDE BEARING MINERAL FINES FOR USE AS BLAST FURNACE FEED

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES AGGLOMERATS AUS METALLOXIDHALTIGEM FEINGUT ZUR VERWENDUNG ALS HOCHOFENEINSATZSTOFF

Title (fr)
PROCÉDÉ DE PRÉPARATION D'AGGLOMÉRATS À PARTIR DE MATIÈRES GRANULAIRES FINES D' OXYDES DE MÉTAUX POUR CHARGE DE HAUT-FOURNEAU

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Abstract (en)
[origin: CA2764535A1] The invention relates to a method for producing an agglomerate, which is used as a blast furnace feed material, by mixing a fine material containing metal and/or metal oxide, a mineral binder, which comprises a mineral raw material and a lime-based material, and optionally other additives to form a mass and solidifying the mass to form an agglomerate, wherein a raw material comprising a silicon oxide fraction of at least 40 wt%, a fine grain fraction of less than 4 µm of at least 20 wt%, and a grain size fraction of less than 1 µm of at least 10 wt% is used as the mineral raw material. The invention further relates to a blast furnace feed material that can be produced by means of the method according to the invention, and to a pre-mixture for producing the blast furnace feed material.

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