

Title (en)
REFRACTORIES AND USE THEREOF

Title (de)
FEUERFESTE ERZEUGNISSE UND IHRE VERWENDUNG

Title (fr)
PRODUITS RÉFRACTAIRES ET LEUR UTILISATION

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Application
EP 15816693 A 20151210

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Abstract (en)
[origin: CA2971767A1] The invention relates to a refractory in the form of a dry, mineral batch of fire-resistant mineral materials combined in such a way that refractories which are long-term resistant to fayalite-containing slags, sulfidic melts (mattes), sulfates and non-ferrous metal melts and are used for refractory linings in industrial non-ferrous metal melting furnaces can be manufactured, said refractory at least containing: - at least one coarse-grained olivine raw material as the main component; - magnesia (MgO) meal; - at least one fire-resistant reagent which, during the melting process, acts (in situ) in a reducing manner on non-ferrous metal oxide melts and/or non-ferrous metal iron oxide melts and converts same into non-ferrous metal melts.

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