

Title (en)
HYDRATED CALCIUM SILICATE PART AND COMPOSITION, AND PROCESS FOR MANUFACTURING SAID HYDRATED CALCIUM SILICATE PART

Title (de)
HYDRIERTES CALCIUMSILICATELEMENT UND ZUSAMMENSETZUNG DARAUS SOWIE VERFAHREN ZUR HERSTELLUNG DIESES CALCIUMSILICATELEMENTS

Title (fr)
PIECE ET COMPOSITION EN SILICATE DE CALCIUM HYDRATE, PROCEDE DE FABRICATION DE PIECE EN SILICATE DE CALCIUM HYDRATE

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Abstract (en)
[origin: WO2008003906A1] The invention relates to an extruded part based on alkali-resistant glass fibres in hydrated calcium silicate obtained essentially by the reaction of slaked lime and silica having a particle size defined by the parameter D_{50} of 100 μm or less. The invention furthermore relates to an extrudable composition comprising free water, silica with a particle size defined by the parameter D_{50} of 100 μm or less, slaked lime, alkali-resistant glass fibres, a plasticizer and a cohesion agent. The invention also relates to a process for manufacturing a part based on alkali-resistant glass fibre and hydrated calcium silicate, said process comprising extrusion of the composition, the predrying of the fresh part and the autoclaving of the predried part at a temperature of above 150°C.

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