

Title (en)

PROCESS FOR THE MANUFACTURING OF CEMENT-AND-FIBRE PRODUCTS, COMPRISING THE USE OF A POZZOLANIC MATERIAL, AND ACQUEOUS SUSPENSION OF POZZOLANIC MATERIAL USED IN SAID PROCESS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ZEMENT-UND-FASER-PRODUKTEN UNTER VERWENDUNG EINES PUZZOLANISCHEN MATERIALS UND BEI DEM VERFAHREN VERWENDETE WÄSSRIGE DISPERSION VON PUZZOLANISCHEM MATERIAL

Title (fr)

PROCÉDÉ DE FABRICATION DE PRODUITS À BASE DE CIMENT ET DE FIBRES, COMPRENANT L'UTILISATION D'UN MATÉRIAU POZZOLANIQUE, ET SUSPENSION AQUEUSE DE MATÉRIAU POZZOLANIQUE UTILISÉE DANS LEDIT PROCÉDÉ

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Abstract (en)

[origin: WO2009001263A1] The invention concerns a method for manufacturing cement items, comprising at least one phase of mixing cement with strengthening fibres, water, additives and mineral admixtures, wherein among said mineral admixtures a first fraction of micronised pozzolanic material is comprised, wherein the percentage of particles having a size below 1 µm by dry weight is greater than 12%, preferably of 16%, and even better of 20%. 90% of the particles of said fraction are below 14 µm, preferably below 9 µm, and even better below 5 µm. A second fraction of pozzolanic material having an average solid particle size ranging between 12 µm and 40 µm is further comprised. The invention further concerns the aqueous suspension containing said first and second fraction of pozzolanic material.

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