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ABSTRACT

PROCESS FOR PRODUCING A HYDRAULIC BINDER BASED ON ANHYDRITE III OR α ANHYDRITE, AND HYDRAULIC BINDER OBTAINED

A process for synthesizing a hydraulic binder based on natural calcium sulfate (gypsum), the process consisting in heating the calcium sulfate to obtain a large proportion of anhydrite III or α anhydrite, and then in quenching. The process consists in: completely dehydrating the calcium sulfate, and suddenly cooling the matter thus dehydrated. The present invention finds a preferred application in the construction industry in obtaining a hydraulic binder that can be used as cement.



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