

Title (en)
METHOD OF MANUFACTURING LIGHT BLOCKS OR PROFILES, PLANT FOR IMPLEMENTING SAID METHOD, AND OBTAINED PRODUCT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON LEICHTEN BLÖCKEN ODER PROFILEN, ANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS, UND ERHALTENES PRODUKT

Title (fr)
PROCÉDÉ DE FABRICATION DE BLOCS OU PROFILES LEGERES, PLANTE POUR LA MISE EN OEUVRE DUDIT PROCÉDÉ, ET PRODUIT OBTENUE

Publication
EP 2672006 B1 20150513 (EN)

Application
EP 12380029 A 20120608

Priority
EP 12380029 A 20120608

Abstract (en)
[origin: EP2672006A1] The method comprises the steps of: mixing and agglomerating scraps of corrugated cardboard of a predetermined maximum size with a bonding agent until an isotropic agglomerate is formed, and controlling the degree of humidity of said isotropic agglomerate in order not to destroy the mechanical resistance of the paper that the corrugated cardboard is made of; compacting said agglomerate until compacted blocks or profiles are formed by applying a controlled compacting pressure so as not to crush flutes in the internal structure of the corrugated cardboard; and drying said compacted blocks or profiles by applying heat until lightweight blocks or profiles are obtained. The facility comprises: at least one mixer (80) with means for controlling the degree of humidity in the isotropic agglomerate, at least one compactor (90, 91) with control of the compacting pressure; and at least one drying oven (100) for producing the lightweight blocks or profiles.

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CPC (source: EP)
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