

Title (en)

CONCRETE PRODUCT AND METHOD AND APPARATUS FOR PRODUCING A CONCRETE PRODUCT

Title (de)

BETONERZEUGNIS SOWIE VERFAHREN UND GERÄT ZUM HERSTELLEN EINES BETONERZEUGNISSES

Title (fr)

PRODUIT EN BETON, PROCEDE ET APPAREIL PERMETTANT DE LE FABRIQUER

Publication

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Application

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Abstract (en)

[origin: WO0071315A1] The invention relates to a method and apparatus for manufacturing a fiber-reinforced concrete product, in which method at least one auger feeder (5) is used for propelling concrete mix through a defined extruder cross section (20, 21, 23). In the manufacture of the product, at least two different materials are produced suitable for use in the manufacture of a concrete product, at least one of the materials containing reinforcing fiber and both materials being dosed onto the auger feeders (5). The apparatus has two containers for the materials and during the feeding the relative proportions of the materials are controlled so that the ratio of the amount of the fiber-reinforced material to the amount of the unreinforced material is such that gives the end product an inhomogeneous distribution of the reinforcing fiber in the volume of the product, whereby at least one portion of the product volume has a greater volumetric content of the reinforcement than that of an equivalent volume in at least one other portion of the product. The final cast product contains desired amounts of reinforcement on areas where bigger loads are to be imposed on the product.

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See references of WO 0071315A1

Cited by

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