

Title (en)

Process and device for the manufacture of reinforced concrete slabs.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Platten aus Stahlbeton.

Title (fr)

Procédé et dispositif pour la fabrication de plaques en béton armé.

Publication

EP 0021362 A1 19810107 (EN)

Application

EP 80103450 A 19800620

Priority

IT 2376179 A 19790621

Abstract (en)

A process is disclosed for the continuous manufacture of cement articles containing a reinforcement of net-like polymeric structures, which comprises the steps of depositing a layer of water-cement mix on a horizontal porous conveyor belt, depositing an open-mesh, net-like polymeric structure on said layer, depositing a cement layer onto said structure, compacting the thus obtained assembly by vibrations in at least vertical sense, then compressing said assembly to reduce the water content to 25-35% by weight. A device is also disclosed for performing the process, comprising one or more operational units arranged in series, each one comprising, a feeder 1 for the net-like polymeric structure, an horizontal porous conveyor 7, a device 3 for guiding said structure on said conveyor, at least one feeding-dosing device 4 for the deposition of the cement mix on the conveyor or the net-like structure, a vibrator 8 which vibrates at least in the vertical sense, and a compressor 10.

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IPC 8 full level

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CPC (source: EP)

B28B 5/027 (2013.01); **B28B 23/0006** (2013.01)

Citation (search report)

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