

Title (en)
PROCESS FOR THE CONTINUOUS MANUFACTURE OF FIBROUS CONCRETE SLABS

Publication
EP 0173873 B1 19900523 (DE)

Application
EP 85109855 A 19850806

Priority
DE 3431143 A 19840824

Abstract (en)
[origin: ES8604042A1] The method of making a fibre reinforced concrete material includes sprinkling chopped fibres on the surface of a layer of the material mixed with water, as it is advanced on a conveyor belt. The water content is maintained at a required level, and the layer is kept to a required thickness. The fibres are discharged from an overhead supply duct, and compressed into the surface. - The fibres are suitably aligned and evenly spread by a resilient distributor tool. In addition to the chopped fibres, endless fibres are also added. After the layer has been extruded onto the belt, the fibres can be pressed into it more than once in successive layers. The layer can be wider than the finished width, and the projecting edges are folded over. Cement can be added to any parts in which fibres have not been embedded, or they can be covered.
[origin: ES8604042A1] The method of making a fibre reinforced concrete material includes sprinkling chopped fibres on the surface of a layer of the material mixed with water, as it is advanced on a conveyor belt. The water content is maintained at a required level, and the layer is kept to a required thickness. The fibres are discharged from an overhead supply duct, and compressed into the surface. - The fibres are suitably aligned and evenly spread by a resilient distributor tool. In addition to the chopped fibres, endless fibres are also added. After the layer has been extruded onto the belt, the fibres can be pressed into it more than once in successive layers. The layer can be wider than the finished width, and the projecting edges are folded over. Cement can be added to any parts in which fibres have not been embedded, or they can be covered.

IPC 1-7
B28B 1/52

IPC 8 full level
B28B 1/52 (2006.01); **B28B 3/00** (2006.01); **B28B 3/02** (2006.01); **B28B 5/00** (2006.01); **B28B 11/04** (2006.01); **B28B 19/00** (2006.01)

CPC (source: EP US)
B28B 1/52 (2013.01 - EP US); **B28B 19/0092** (2013.01 - EP US)

Cited by
FR2756207A1; US5030287A; WO2015197620A1; WO9823423A1; WO9828116A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0173873 A2 19860312; EP 0173873 A3 19880727; EP 0173873 B1 19900523; EP 0173873 B2 19920916; AT E52959 T1 19900615; AU 4576285 A 19860227; AU 571720 B2 19880421; BR 8504041 A 19860610; CA 1261126 A 19890926; DE 3431143 A1 19860306; DE 3431143 C2 19900104; DE 3577821 D1 19900628; ES 545514 A0 19860201; ES 8604042 A1 19860201; HK 70290 A 19900914; IN 165668 B 19891202; JP H0698614 B2 19941207; JP S61246009 A 19861101; MX 162317 A 19910424; SG 55390 G 19910118; US 4655982 A 19870407; ZA 856037 B 19860326

DOCDB simple family (application)
EP 85109855 A 19850806; AT 85109855 T 19850806; AU 4576285 A 19850805; BR 8504041 A 19850823; CA 487982 A 19850801; DE 3431143 A 19840824; DE 3577821 T 19850806; ES 545514 A 19850724; HK 70290 A 19900906; IN 596MA1985 A 19850731; JP 18436585 A 19850823; MX 20640385 A 19850823; SG 55390 A 19900717; US 76318385 A 19850807; ZA 856037 A 19850809