

Title (en)

METHOD AND APPARATUS FOR PRODUCING OBLONG SUPPORT STRUCTURES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG LÄNGLICHER STÜTZSTRUKTUREN

Title (fr)

PROCÉDÉ ET APPAREIL POUR PRODUIRE DES STRUCTURES DE SUPPORT OBLONGUES

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Application

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Abstract (en)

[origin: WO2016193279A1] The present invention relates to an apparatus for and a method of producing oblong supporting structures such as foundation piles. A casting apparatus comprises a supply arrangement (11, 12, 13) for supplying composite material (6) to be distributed by the casting apparatus (1), a distribution unit (4) for distributing composite material (6) to groups (3_1-3_N) of oblong moulds (3_1a-3_Nn), which distribution unit (4) comprises a plurality of individually controllable outlet units (8_1-8_n) for distributing composite material (6) into said oblong moulds (3_1a-3_Nn), and a control arrangement (2) for controlling the supply of composite material (6) to said groups of oblong moulds, wherein said outlet units (8_1-8_n) are controllable by said control arrangement (2). The number of individually controllable outlet units (8_1-8_n) is larger than the number of moulds (3_1a-3_Nn) in a group (3_1-3_N) of moulds that are simultaneously supplied with composite material by said casting apparatus (1) during a casting session. A plurality of outlet units (8_1-8_n) for supplying composite material (6) to moulds in a group of moulds (3_1-3_N) during a casting session is selected, and a relative movement between said distribution unit (4) and a selected group of moulds (3_1-3_N) in a first movement direction (FMD) during supply of composite material (6) is provided during supply of composite material (6) to the group of moulds by means of selected outlet units (8_1-8_n).

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