

Title (en)
Extruder for products in reinforced concrete

Title (de)
Gleitvorrichtung zum Strangpressen von Stahlbetonfertigteilen

Title (fr)
Moule glissant pour l'extrusion d'articles en béton armé

Publication
EP 0968799 A1 20000105 (EN)

Application
EP 98830402 A 19980701

Priority
EP 98830402 A 19980701

Abstract (en)
The device has a steel structure, composed of various parts, which functions by sliding along a linear plate delimited by two tracks (6). It can be placed directly on the ground or on a raised metal structure and has a piece of heated sheet metal at its base in order to speed up the drying process of the concrete. The device, which is particularly easy to use, enables one to rapidly produce series of concrete section bars for floors with technical characteristics that may vary with the substitution of moulding tubes (21). The moulding tubes (21) may be simply substituted by other tubes of different shapes and sizes, without the need to make any further adjustments to the system. The moulding motion of the section bar is ensured by a gearmotor (2) which, through means of a cam (11), pushes a comb (20) which compacts the material every time it is deposited by the hopper (17). The hollow interior of the section bar is ensured by the vibration of an appropriately shaped set of cores (22). The outside dimensions are defined by two side plates (24) and an upper plate (29), while the product being worked rests on a lower plate. <IMAGE>

IPC 1-7
B28B 1/08

IPC 8 full level
B28B 1/08 (2006.01)

CPC (source: EP)
B28B 1/084 (2013.01)

Citation (search report)

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