

Title (en)

A REINFORCED CONCRETE LOAD-BEARING PILE WITH MULTI-BRANCHES AND ENLARGED FOOTINGS AND MEANS FOR FORMING THE PILE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0370396A2] This invention relates to a reinforced concrete load-bearing pile for reinforcing foundations, and means and method for forming such a pile. The load-bearing pile of the invention comprises a pile body (1), at least one branch (2) and enlarged footing (3) integrated with the pile body. The means for the pile comprises a pile cavity drilling/pressing device, a branch cavity pressing device and an enlarged footing cavity pressing device. The pile of the present invention possesses higher load-carrying capability, increases the stability of the foundation and saves more than 50% construction materials. The formation means of the invention solves the problem of making branch cavities and is simple in structure.

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**E02D 5/44**

IPC 8 full level

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