

Title (en)

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

Publication

EP 0370396 A3 19910403 (EN)

Application

EP 89121260 A 19891117

Priority

CN 88220149 U 19881122

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.

IPC 1-7

E02D 5/44

IPC 8 full level

E02D 5/48 (2006.01); **E02D 5/44** (2006.01); **E02D 5/56** (2006.01)

CPC (source: EP)

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