

Title (en)

A reinforced concrete load-bearing pile with multi-branches and enlarged footings and means for forming the pile.

Title (de)

Stahlbetontragepfahl mit mehreren Schenkeln und erweitertem Fuss und Mittel zum Formen des Pfahles.

Title (fr)

Pieux de support de charge en béton armé à plusieurs branches et base élargie, et moyens pour former le pieu.

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Application

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Abstract (en)

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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IPC 8 full level

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