Title (en)

A TUBULAR PILE ENCASED IN CONCRETE AND A PILE-DRIVING METHOD

Title (de)

EIN IN BETON EINGEBETTETER RUNDPFAHL UND PFAHLRAMMMETHODE

Title (fr)

PILIER TUBULAIRE ENFOUI DANS DU BETON ET PROCEDE POUR ENFONCER CE PILIER TUBULAIRE DANS LE SOL ET L'ENFOUIR DANS DU BETON

Publication

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Application

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Abstract (en)

[origin: WO0036226A2] The invention relates to tubular piles encased in concrete, which comprise a metal pile tube (2) to be driven into soil, and in the upper end of the said tube an aperture for feeding liquid concrete mass into the pile tube interior (12). The lower end of the pile tube is provided with a pile shoe (1) comprising a longitudinal tip section (3) with uniform broadness and a ferrule (6), the maximum diameter (D1) of which is bigger than the outer diameter (D2) of the pile tube, and flow apertures (7), which are arranged above the lowermost upwards free base (24) of the ferrule and pass through the circumferential surface (23) of the said pile tube extension for the out-flow of concrete mass. The distance (L1) of the pile shoe from the tool tip (10) is at least five times the outer diameter (D2) of the pile tube.

IPC 8 full level

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