

Title (en)

Method and device for producing a localised low friction foundation element

Title (de)

Verfahren und Vorrichtung zum Erstellen eines bereichsweise reibungsarmen Gründungselements

Title (fr)

Procédé et dispositif d'établissement d'un élément de fondation à friction partiellement réduite

Publication

EP 2246482 B1 20120620 (DE)

Application

EP 10004290 A 20100422

Priority

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Abstract (en)

[origin: EP2246482A1] The method involves drilling a pile i.e. site concrete pile, in a base with an annular space drill bit (50), where inner diameter of the drill bit is large than outer diameter of the pile. An annular space, which is cleared during drilling of the pile, is filled with a friction-reducing medium such as bentonite-cement slurry, polymer suspension and/or a soft gel. A drill is inserted into the base for producing the site concrete pile, and a hollow space produced during insertion of the drill is filled with liquid concrete. An independent claim is also included for a device for producing a localized low friction foundation element.

IPC 8 full level

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CPC (source: EP)

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