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(54) **Foundation pile**

(57) A shoe is disclosed for driving a bore for a foundation pile into the ground, the shoe comprises an interface portion for interfacing with a driving element; and an outer profile having an array of indentations or protrusions for creating at least one channel or ridge in the wall of the bore. Various parameters defining the form of the

outer profile which may be beneficial are disclosed. A method of forming a foundation pile using the shoe of the present invention, as well as a foundation pile formed according to the method, are disclosed, in addition to a mandrel arranged to create the pile of the present invention.

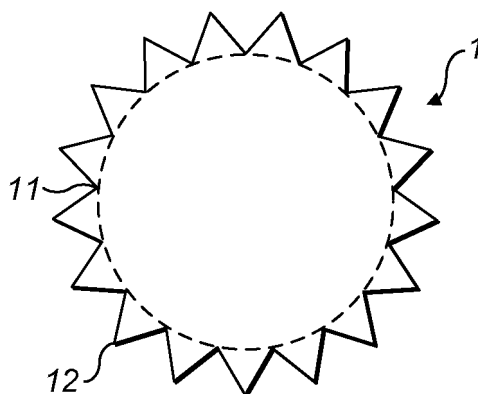


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 11 15 8498

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 April 2012	Examiner Geiger, Harald
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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