

Title (en)
A METHOD FOR PROVIDING A CONCRETE PILE AND A CONCRETE PILE

Title (de)
VERFAHREN ZUM BEREITSTELLEN EINES BETONPFAHLS UND BETONPFAHL

Title (fr)
PROCEDE POUR FOURNIR UN PIEU EN BETON ET UN PIEU EN BETON

Publication
EP 4273327 A1 20231108 (EN)

Application
EP 23171385 A 20230503

Priority
NL 2031784 A 20220505

Abstract (en)
A method for providing a reinforced hollow concrete pile (250) for pile driving, the method comprises the steps of:- providing a concrete beam (150) having a hollow core,- removing a portion of concrete (151) from a pile head section and/or a pile bottom section of the concrete beam to expose the hollow core,- placing a reinforcement (200) in the hollow core of the pile head section and/or the pile bottom section,- filling the pile head section and/or the pile bottom section with a concrete mixture (154),- allowing the concrete to set to yield the reinforced hollow concrete pile for pile driving.

IPC 8 full level
E02D 5/10 (2006.01); **E02D 5/20** (2006.01); **E02D 5/22** (2006.01); **E02D 5/24** (2006.01); **E02D 5/30** (2006.01); **E02D 5/34** (2006.01); **E02D 5/50** (2006.01); **E02D 5/52** (2006.01); **E02D 27/12** (2006.01)

CPC (source: EP)
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Citation (applicant)
GB 994578 A 19650610 - SPIROLL CORP LTD

Citation (search report)
• [XA] CN 211898332 U 20201110 - XU SHUNLIANG
• [XA] WO 2010147306 A2 20101223 - HAKYONG ENGINEERING CO LTD [KR], et al
• [XA] CN 114045822 A 20220215 - WUXI DAZHU GEOTECHNICAL TECH CO LTD
• [XA] CN 111472352 A 20200731 - UNIV TIANJIN RES INST ARCHITECTRUAL DESIGN & URBAN PLANNING
• [XA] KR 101777760 B1 20170926 - KOREA EXPRESSWAY CORP [KR], et al

Designated contracting state (EPC)
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