

Title (en)
POINT STRUCTURE OF A PILE OF REINFORCED CONCRETE

Title (de)
PUNKTSTRUKTUR EINES PFEILERS AUS VERSTÄRKTEM BETON

Title (fr)
STRUCTURE FORMANT POINTE D'UNE PILE EN BETON ARME

Publication
EP 1971722 A4 20091125 (EN)

Application
EP 07700259 A 20070109

Priority

- FI 2007000005 W 20070109
- FI 20060013 A 20060109

Abstract (en)
[origin: WO2007080216A1] The present invention relates to a point structure of a pile of reinforced concrete which is provided with a domed point of the pile (1, 2) at the end of the pile, made of steel and having a bottom (3) and an edge (4) circulating it, installed afterwards outside of the point of the pile. According to the present invention, between the bottom (3) of the point of the pile (1, 2) and the pile there is provided an equalizer (6), which has been organized to divide evenly to the entire area of the end of the pile the effect of the impact force between the end of the pile and the bottom of the point of the pile.

IPC 8 full level
E02D 5/72 (2006.01); **E02D 5/30** (2006.01); **E02D 5/52** (2006.01)

CPC (source: EP)
E02D 5/30 (2013.01); **E02D 5/52** (2013.01); **E02D 5/72** (2013.01)

Citation (search report)

- [X] US 4199277 A 19800422 - MERJAN STANLEY [US]
- See references of WO 2007080216A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007080216 A1 20070719; AT E478993 T1 20100915; AT E513951 T1 20110715; DE 602007008680 D1 20101007;
EP 1971722 A1 20080924; EP 1971722 A4 20091125; EP 1971722 B1 20110622; EP 1971723 A1 20080924; EP 1971723 A4 20091216;
EP 1971723 B1 20100825; FI 20060013 A0 20060109; WO 2007080217 A1 20070719

DOCDB simple family (application)
FI 2007000005 W 20070109; AT 07700259 T 20070109; AT 07700260 T 20070109; DE 602007008680 T 20070109; EP 07700259 A 20070109;
EP 07700260 A 20070109; FI 20060013 A 20060109; FI 2007000006 W 20070109