

Title (en)  
Pile extension

Title (de)  
Pfahlverlängerung

Title (fr)  
Extension des pieux

Publication  
**EP 2204498 A1 20100707 (EN)**

Application  
**EP 08022355 A 20081223**

Priority  
EP 08022355 A 20081223

Abstract (en)  
Method and system for joining two concrete piles together at their opposing ends by providing a pair of opposing coupling devices at the opposing ends. Each coupling device comprises a flat base plate defining a rear surface juxtaposed the pile, an opposite front surface and a periphery substantially concurrent with the end periphery of the pile, at least one reinforcement bar protruding into the pile from the rear surface and integrally cast into the pile, and a support flange extending from the periphery of the base plate, perpendicular to the rear surface and towards the pile. The support flange defines an aperture at a specific distance from the front surface.

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

CPC (source: EP)  
**E02D 5/523** (2013.01)

Citation (applicant)  

- EP 1127195 A1 20010829 - LEIMET OY [FI]
- EP 0891454 A1 19990120 - LEIMET OY [FI]
- EP 0392311 A1 19901017 - AARSLEFF AS [DK]
- EP 0984105 A1 20000308 - AARSLEFF AS [DK]

Citation (search report)  

- [A] EP 1582633 A2 20051005 - TERRATEST TECN ESPECIALES S A [ES]
- [A] DE 8504456 U1 19850613
- [A] EP 0265859 A1 19880504 - LOHJA AB OY [FI]
- [A] DE 3505479 A1 19860828 - OTTO JOACHIM

Cited by  
RU200419U1; CN101871211A; CN110629751A; WO2022008892A1; US11530519B2; WO2020094923A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2204498 A1 20100707**; DK 2382357 T3 20140818; DK 2382357 T5 20140915; EP 2382357 A1 20111102; EP 2382357 B1 20140528; WO 2010072772 A1 20100701

DOCDB simple family (application)  
**EP 08022355 A 20081223**; DK 09795785 T 20091222; EP 09795785 A 20091222; EP 2009067763 W 20091222