

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)
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• EP 0891454 A1 19990120 - LEIMET OY [FI]
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Citation (search report)
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• [A] DE 8504456 U1 19850613
• [A] EP 0265859 A1 19880504 - LOHJA AB OY [FI]
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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)
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DOCDB simple family (application)
EP 08022355 A 20081223; DK 09795785 T 20091222; EP 09795785 A 20091222; EP 2009067763 W 20091222