

Title (en)

JOINT STRUCTURE FOR STEEL-PIPE PILE, AND STEEL-PIPE PILE

Title (de)

VERBINDUNGSSTRUKTUR FÜR STAHLROHRSTAPEL UND STAHLROHRSTAPEL

Title (fr)

STRUCTURE DE JOINT DESTINÉE À UN PIEU TUBULAIRE EN ACIER, ET PIEU TUBULAIRE EN ACIER

Publication

EP 2924169 A4 20160727 (EN)

Application

EP 13857558 A 20131114

Priority

- JP 2012255304 A 20121121
- JP 2013080748 W 20131114

Abstract (en)

[origin: EP2924169A1] A joint structure of a steel-pipe pile which connects a first steel-pipe pile and a second steel-pipe pile in series, includes an external fitting end portion which is an opening end of the first steel-pipe pile and a column shaped internal fitting end portion which configures a portion inserted into the external fitting end portion on one end of the second steel-pipe pile. The external fitting end portion includes a plurality of external fitting convex portions which protrude from an inner circumferential surface thereof toward an inner side in a radial direction; an external fitting groove portion which is formed between the external fitting convex portions; and an external fitting engagement groove which is formed at a position of the inner side in the axial direction from the external fitting convex portion and the external fitting groove portion. The internal fitting end portion includes a plurality of internal fitting convex portions which protrude from an outer circumferential surface thereof toward an outer side in a radial direction.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

- [YDA] JP H1143937 A 19990216 - KUBOTA KK
- [Y] WO 2011078661 A1 20110630 - IHC HOLLAND IE BV [NL], et al
- See references of WO 2014080824A1

Cited by

JP2019090233A; TWI602971B

Designated contracting state (EPC)

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