

Title (en)

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

Title (de)

VERBINDUNGSSTRUKTUR VON STAHLROHRSTAPEL UND STAHLROHRSTAPEL

Title (fr)

STRUCTURE DE JOINT D'UN PIEU TUBULAIRE EN ACIER, ET PIEU TUBULAIRE EN ACIER

Publication

**EP 2924169 A1 20150930 (EN)**

Application

**EP 13857558 A 20131114**

Priority

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- JP 2013080748 W 20131114

Abstract (en)

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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