

Title (en)

STEEL WALL AND CONSTRUCTION METHOD FOR STEEL WALL

Title (de)

STAHLWAND UND HERSTELLUNGSVERFAHREN FÜR DIE STAHLWAND

Title (fr)

RIDEAU EN ACIER, ET PROCEDE DE CONSTRUCTION ASSOCIE

Publication

EP 2570553 A4 20170607 (EN)

Application

EP 11780624 A 20110510

Priority

- JP 2010067471 W 20101005
- JP 2010108113 A 20100510
- JP 2011060784 W 20110510

Abstract (en)

[origin: EP2570553A1] A steel wall having both high rigidity and high water stopping performance is provided. Further, a construction method for a steel wall is provided which allows a construction method, which reduces vibration or noise that is not easily reduced in combination steel sheet piles in the related art, to be easily applied. The steel wall 3 is constituted by combining a hat-shaped steel sheet pile 1 as a steel sheet pile and a steel pipe 2. In the steel wall 3, a plurality of hat-shaped steel sheet piles 1 are connected by joints 1d, so that a steel sheet pile wall is provided, and also the steel pipes 2 are in contact with all or some of the hat-shaped steel sheet piles 1 of the steel sheet pile wall with a longitudinal direction of each steel pipe following a longitudinal direction of the hat-shaped steel sheet pile 1.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] EP 1988218 A2 20081105 - PILEPRO LLC [US]
- [A] US 4637758 A 19870120 - TAMAKI HIROAKI [JP], et al
- See references of WO 2011142367A1

Designated contracting state (EPC)

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