

Title (en)

Steel sheet pile, sheet pile assembly thereof and the method of constructing the assembly.

Title (de)

Spundbohle aus Stahl, Verbindung dieser Spundbohlen und Verfahren zum Durchführen dieser Verbindung.

Title (fr)

Palplanches en acier, assemblage de ces palplanches et méthode pour construire cet assemblage.

Publication

EP 0139100 A1 19850502 (EN)

Application

EP 84108125 A 19840711

Priority

JP 17551483 A 19830922

Abstract (en)

A steel sheet pile which is in use to be arranged in side edge to side edge relationship with adjacent piles of like construction to form the wall of an excavation, said sheet pile having a generally H-shaped cross section comprising a web with a wider flange on one side thereof and a narrow flange on the opposite side, said wide flange being provided at its side edges with joint elements for interconnection of the adjacently disposed sheet piles.

IPC 1-7

E02D 5/04; **E02D 5/20**

IPC 8 full level

E02D 5/18 (2006.01); **E02D 5/04** (2006.01); **E02D 5/20** (2006.01); **E02D 17/04** (2006.01); **E02D 17/13** (2006.01); **E02F 5/02** (2006.01)

CPC (source: EP)

E02D 5/04 (2013.01); **E02D 5/20** (2013.01)

Citation (search report)

- [X] US 1975534 A 19341002 - WILHELM BRUSCH FRIEDRICH
- [X] US 1841779 A 19320119 - ENNO BECKER
- [X] US 1985795 A 19341225 - WALTHER PRIELIPP
- [X] FR 1262003 A 19610526 - SAINRAPT & BRICE ETS
- [X] US 2093208 A 19370914 - KARL NOLTE
- [X] FR 877386 A 19421204
- [A] FR 2083998 A5 19711217 - VOEST AG
- [A] FR 2291344 A1 19760611 - ALPINA SPA [IT]
- [A] FR 2231231 A6 19741220 - SOLETANCHE [FR]
- [A] DE 646175 C 19370609 - ILSEDER HUETTE
- [A] FR 754438 A 19331107 - VER STAHLWERKE AG

Cited by

JP2013155589A; CN103343538A; EP0562238A1; CN104114770A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0139100 A1 19850502; JP H0368172 B2 19911025; JP S6065826 A 19850415

DOCDB simple family (application)

EP 84108125 A 19840711; JP 17551483 A 19830922