

Title (en)

Structural member for use in piling.

Title (de)

Bauelement für Pfahlgründungen.

Title (fr)

Élément de construction destiné à l'usage des fondations sur pieux.

Publication

EP 0072118 A1 19830216 (EN)

Application

EP 82303830 A 19820721

Priority

GB 8123543 A 19810731

Abstract (en)

The member (2) has at least one longitudinal flange (6a to 6d) having, on a longitudinal edge thereof, a plurality of portions (7) deformed out of the plane of the remainder of the flange. The deformed portions (7) alternate with portions (8) which are undeformed or are deformed to a different extent. In making a piling structure using the above members (2), adjacent members (2) are locked together by means of a locking bar (9).

IPC 1-7

E02D 5/04; **E02D 5/08**

IPC 8 full level

E02D 5/04 (2006.01); **E02D 5/08** (2006.01); **E02D 5/20** (2006.01); **E04C 3/06** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)

E02D 5/04 (2013.01); **E02D 5/08** (2013.01); **E04C 3/06** (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0421** (2013.01); **E04C 2003/0434** (2013.01); **E04C 2003/0439** (2013.01); **E04C 2003/0452** (2013.01); **E04C 2003/046** (2013.01); **E04C 2003/0473** (2013.01)

Citation (search report)

- [X] DE 593825 C 19340305 - FRIED KRUPP AKT GES FRIEDRICH
- [A] US 2043891 A 19360609 - OTTO GRAVE
- [A] FR 1413209 A 19651008 - LORRAINE ESCAUT SA
- [A] GB 449454 A 19360626 - KRUPP AG
- [A] GB 315402 A 19300116 - KARL NOLTE
- [A] DE 571029 C 19330223 - FRIED KRUPP AKT GES FRIEDRICH
- [A] LU 80163 A1 19790212 - SALZGITTER PEINE STAHLWERKE [DE]
- [A] US 2018625 A 19351022 - OTTO GRAVE

Cited by

DE10318769A1; KR20060110138A; US6092346A; US5921717A; BE1011054A3; FR2889215A1; CN103649417A; DE202005022065U1; DE202005022056U1; WO9739193A1; WO9609442A1; EP1688544A1; US7387471B2; WO2005038148A1; LU91043B1; US7857550B2; EP2568083A1; EP1689939B2

Designated contracting state (EPC)

BE DE FR IT LU NL SE

DOCDB simple family (publication)

EP 0072118 A1 19830216; **EP 0072118 B1 19860528**; AU 8603582 A 19830203; DE 3271352 D1 19860703; GB 2103263 A 19830216; GB 2103263 B 19850925; JP S5826112 A 19830216; ZA 824897 B 19830928

DOCDB simple family (application)

EP 82303830 A 19820721; AU 8603582 A 19820715; DE 3271352 T 19820721; GB 8221081 A 19820721; JP 13361782 A 19820730; ZA 824897 A 19820709