

Title (en)

METHOD FOR FORMING A BULKHEAD SEALED WITH MORTAR AND THE BULKHEAD MANUFACTURED THEREBY AND THE TONGUE-AND-GROOVE ELEMENT FOR THE BULKHEAD

Title (de)

HERSTELLUNGSVERFAHREN FÜR EIN MIT MÖRTEL ABGEDICHTETES SCHOTT, SCHOTT GEMÄSS DES VERFAHRENS UND NUT- UND FEDERELEMENT FÜR DIESES SCHOTT

Title (fr)

PROCEDE DE FABRICATION D'UNE CLOISON SCLEE A L'AIDE DE MORTIER, CLOISON FABRIQUEE SELON LEDIT PROCEDE ET ELEMENT A RAINURE ET LANGUETTE POUR LADITE CLOISON

Publication

EP 1163397 A1 20011219 (EN)

Application

EP 00912703 A 20000317

Priority

- FI 0000217 W 20000317
- FI 990594 A 19990317

Abstract (en)

[origin: WO0055433A1] The invention relates to a bulkhead (30) formed of a number of metal tongue-and-groove elements (1a, 1b, 1c) into soil (M), the tongue-and-groove elements comprising a tubular tongue (3) closed at the lower end by a tip element (11), and a tubular groove (2) with a longitudinal slot (8) provided in the housing, and a web (4) connecting the tongues-and-grooves. The tongues include at their lower ends pile shoes (5) consisting of a tip element (10) and a collar (12), the maximum diameter (D1) of which is larger than the outer diameter (D2) of the tongue and at least equal to the distance (W2) of the central line of the tongue and the outer surface of the groove, and flow apertures (17) for mortar (B). The flow apertures open from the interior (13) of the tongue above the collar. In the bulkhead, the interior of the tongue and the space between the tongue and the groove are filled with mortar, and possibly, the grooves are covered by a mortar layer. The invention also relates to a method for forming a bulkhead sealed with mortar and the tongue-and-groove element for the bulkhead.

IPC 1-7

E02D 5/00; **E02D 5/04**; **E02D 5/20**; **E02D 7/00**; **E02D 7/26**

IPC 8 full level

E02D 5/04 (2006.01)

CPC (source: EP)

E02D 5/04 (2013.01)

Citation (search report)

See references of WO 0055433A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0055433 A1 20000921; AU 3436300 A 20001004; EE 200100488 A 20021216; EP 1163397 A1 20011219; FI 111404 B 20030715; FI 990594 A0 19990317; FI 990594 A 20000918; NO 20014482 D0 20010914; NO 20014482 L 20011116; PL 350446 A1 20021216

DOCDB simple family (application)

FI 0000217 W 20000317; AU 3436300 A 20000317; EE P200100488 A 20000317; EP 00912703 A 20000317; FI 990594 A 19990317; NO 20014482 A 20010914; PL 35044600 A 20000317