

Title (en)
Procedure for making a liquid-tight wall in the ground.

Title (de)
Verfahren zur Herstellung einer Dichtwand im Boden.

Title (fr)
Procédé de fabrication de mur étanche dans le sol.

Publication
EP 0411682 A1 19910206 (EN)

Application
EP 90201590 A 19900619

Priority
NL 8901669 A 19890630

Abstract (en)
Procedure for making a liquid-tight wall (1) in the ground (2), according to which procedure a trench (3) is made in the ground, the trench (3) is filled with cement (4), at least a length (15) of sealing foil and at least an auxiliary construction (5) for holding one side of the length (15) in the trench (3) are let down vertically, and the auxiliary construction (5) is later removed again from the trench (3) characterized in that first a trench (3) is dug in order to make a wall part, called panel (22) and filled with cement (4), two auxiliary constructions (5) are installed in this first trench (3) one at each extremity of the trench (3) with a slot (8) provided with a seal (10) over their height and on their sides facing each other and a length (15) of sealing foil is lowered between these auxiliary constructions (5) and a joining construction (11) lowered onto both edges thereof so that the length (15) is connected by its edges to the auxiliary construction (5), in each auxiliary construction (5) a joining part (14) of the joining construction (11) is present and the slots (8) in the sides of the auxiliary constructions (5) are sealed.

IPC 1-7
E02D 19/18; **E02D 31/04**

IPC 8 full level
E02D 5/18 (2006.01); **E02D 19/18** (2006.01)

CPC (source: EP)
E02D 5/182 (2013.01); **E02D 5/185** (2013.01); **E02D 19/185** (2013.01)

Citation (search report)
• [Y] DE 3727202 A1 19890302 - HELD & FRANCKE BAU AG [DE]
• [Y] DE 3430791 A1 19860306 - ZUEBLIN AG [DE]
• [Y] DE 3430790 A1 19860306 - ZUEBLIN AG [DE]
• [Y] DE 3432706 A1 19860313 - ZUEBLIN AG [DE]
• [A] EP 0198666 A2 19861022 - FINIC BV [NL]

Cited by
FR2708946A1; DE4229941A1; GB2325262A; GB2325262B; FR2747703A1; US6052963A; CN114411695A; DE9217609U1; CN109626076A; CN110130405A; US11225769B2; US6276106B1; US10988911B2; WO9851867A1; WO9740233A1; WO2013007968A2; US9371623B2

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
EP 0411682 A1 19910206; **EP 0411682 B1 19930519**; BE 1003594 A6 19920428; CA 2019776 A1 19901231; DE 69001654 D1 19930624; DE 69001654 T2 19930902; NL 8901669 A 19910116

DOCDB simple family (application)
EP 90201590 A 19900619; BE 9000552 A 19900528; CA 2019776 A 19900626; DE 69001654 T 19900619; NL 8901669 A 19890630