

Title (en)

Method and device for pulling out a shuttering at the realization of an underground cast wall.

Title (de)

Verfahren und Vorrichtung zum Ausziehen der Schalung bei der Herstellung einer unterirdischen Schlitzwand.

Title (fr)

Procédé et dispositif d'extraction d'un coffrage dans le cadre de la réalisation d'une paroi moulée dans le sol.

Publication

**EP 0101350 A1 19840222 (FR)**

Application

**EP 83401474 A 19830719**

Priority

FR 8213994 A 19820811

Abstract (en)

1. Process for the withdrawal of a shuttering element (3) used in making a panel (P) of a wall moulded in the ground, said shuttering element comprising a shaped central portion whose outline corresponds to the pattern to be imparted to the end of the panel to be made, and two wings (4) extending on both sides of said central portion, characterized by the following steps : - providing such a shuttering element (3) which protrudes above the ground surface ; - fitting on the protruding portion of said shuttering element an implement comprising a body (1) and two shaped parts (2) forming side grooves which are slidable upon the wings of said shuttering element, the lower portion (6) of said shaped parts being bevelled so as to form a dismantling wedge ; - imparting a beating motion to the implement so as to force the wedge-shaped parts between the concreted panel and its shuttering element until their introduction therebetween ; and - pursuing said beating motion so as to drive the implement deeper and deeper until complete release of the shuttering element.

Abstract (fr)

Elle concerne un procédé d'extraction d'un élément de coffrage utilisé au cours de la réalisation d'un panneau constitutif d'une paroi moulée dans le sol, cet élément de coffrage comportant une partie centrale profilée (3) et deux ailes (4), ledit procédé comprenant les étapes suivantes : monter sur la portion de l'élément de coffrage (3) faisant saillie un outil comprenant un corps (1) et deux pièces profilées (2) formant des rainures latérales venant coulisser sur les ailes de l'élément de coffrage (3), la partie inférieure (6) des pièces profilées étant taillée en biseau de façon à former coin de décoffrage; imprimer à l'outil un mouvement de battage de façon à forcer les parties des pièces en forme de coin entre le panneau bétonné et son élément de coffrage jusqu'à décollement complet de l'élément de coffrage (3).

IPC 1-7

**E02D 9/00**; **E02D 5/18**

IPC 8 full level

**E02D 9/02** (2006.01); **E02D 5/18** (2006.01); **E02D 9/00** (2006.01)

CPC (source: EP)

**E02D 5/18** (2013.01); **E02D 5/182** (2013.01); **E02D 9/00** (2013.01)

Citation (search report)

- [A] CH 378247 A 19640531 - ZEISSL IGNAZ DIPL ING [AT]
- [AD] FR 2473091 A1 19810710 - SIF ENTREPRISE BACHY [FR]
- [A] FR 1454173 A 19660722 - TOT AANNEMING VAN WERKEN VOORH
- [A] FR 1363217 A 19640612 - INTRAFOR

Cited by

FR2674888A1; DE19817982C1; US6164873A; US5263798A; FR2676763A1; EP0496719A1; GB2492890A; EP0462010A1; EP0333577A1; FR2628772A1; US4930940A; US11225769B2; EP0952258A2; WO9851867A1; US10724199B2; US10988911B2; WO2019158901A1; WO9804782A1; EP1223248A1; US6739805B2; FR3110922A1; WO2021239644A1; WO2013007968A2; US9371623B2

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL

DOCDB simple family (publication)

**EP 0101350 A1 19840222**; **EP 0101350 B1 19860514**; AT E19803 T1 19860515; AU 1719583 A 19840216; AU 561836 B2 19870521; DE 3363511 D1 19860619; FR 2531733 A1 19840217; FR 2531733 B1 19841221; HK 27787 A 19870416; JP S5991227 A 19840525; JP S6145014 B2 19861006; MY 8700396 A 19871231; PT 77174 A 19830901; PT 77174 B 19860311; SG 97886 G 19880520

DOCDB simple family (application)

**EP 83401474 A 19830719**; AT 83401474 T 19830719; AU 1719583 A 19830722; DE 3363511 T 19830719; FR 8213994 A 19820811; HK 27787 A 19870409; JP 14578683 A 19830811; MY 8700396 A 19871230; PT 7717483 A 19830809; SG 97886 A 19861227