

Title (en)

Method and device for stripping prestressed concrete products moulded on a long bed.

Title (de)

Verfahren und Vorrichtung zum Entformen vorgespannter, im Spannbett hergestellter Betongegenstände.

Title (fr)

Procédé et dispositif de démoulage d'éléments en béton précontraint moulés sur un long banc.

Publication

EP 0021905 A1 19810107 (FR)

Application

EP 80400783 A 19800603

Priority

FR 7915131 A 19790613

Abstract (en)

[origin: ES8101456A1] A device for removing from their moulds elements made of pre-stressed concrete employing stretched adherent reinforcements on a "long bed" and passing through at least one row of moulds of said elements, wherein, prior to the release of the tension of the reinforcements, each of the elements is detached from its mould by an upward thrust exerted on at least one movable portion of the bottom of this mould, then maintained in lifted position until the tension is released and these reinforcements are cut.

Abstract (fr)

Fabrication d'éléments en béton précontraint par fils adhérents, sur un long banc, ces éléments comportant des creux et/ou des reliefs à forte dépouille. L'élément moulé D est, avant le relâchement des armatures B, démoulé par la poussée, sur les parties mobiles du fond de moule, d'une traverse (17) levée par le déplacement (flèche F) de rampes (20) en plan incliné agissant sur les galets (19). Traverses de chemin de fer, poteaux, pylônes en béton précontraint.

IPC 1-7

B28B 23/06; **B28B 7/10**

IPC 8 full level

B28B 13/06 (2006.01); **B28B 7/10** (2006.01); **B28B 21/90** (2006.01); **B28B 23/06** (2006.01)

CPC (source: EP US)

B28B 23/06 (2013.01 - EP US)

Citation (search report)

- FR 2385510 A1 19781027 - COSTAMAGNA & CIE B M [FR]
- NL 7905833 A 19800304 - COSTAMAGNA & CIE B M
- FR 2434693 A2 19800328 - COSTAMAGNA & CIE B M
- US 4102957 A 19780725 - DA RE CIPRIANO
- BE 877734 R 19791116 - COSTAMAGNA & CIE B M
- FR 2388654 A1 19781124 - A BETONG AB [SE]
- FR 2403431 A1 19790413 - COSTAMAGNA & CIE B M [FR]
- GB 726370 A 19550316 - EUGEN SCHULZ, et al

Cited by

BE1004584A3; EP0263024A3; FR2604944A1; WO9208589A1

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EP 0021905 A1 19810107; **EP 0021905 B1 19830504**; AT E3191 T1 19830515; BR 8003667 A 19810113; CA 1160819 A 19840124; DE 3062952 D1 19830609; ES 492251 A0 19801216; ES 8101456 A1 19801216; FR 2458368 A1 19810102; FR 2458368 B1 19821022; IN 154503 B 19841103; JP S562111 A 19810110; JP S5820771 B2 19830425; US 4330243 A 19820518

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