

Title (en)

STOP-END PIPE FOR THE CONSTRUCTION OF CONCRETE DIAPHRAGM WALLS

Title (de)

BEGRENZUNGSROHR ZUR KONSTRUKTION VON BETON-SCHLITZWÄNDEN

Title (fr)

EXTRÉMITÉ DE FIN DE TUYAU POUR LA CONSTRUCTION DE PAROIS MOULÉES EN BÉTON

Publication

EP 3006626 A1 20160413 (EN)

Application

EP 15188509 A 20151006

Priority

IT MI20141758 A 20141008

Abstract (en)

A stop-end pipe (1) for the construction of concrete diaphragm walls, which comprises a longitudinally extended structure (3) which has at least one first face (5) configured to face the concrete (7) intended to fill an excavation (9) for the provision of a diaphragm wall, at least one tubular chamber (11) being associated with the first face (5) and having a longitudinal axis which is substantially parallel to the axis of longitudinal extension of the structure (3), where the tubular chamber (11) is expandable hydraulically in a direction that is transverse to its axis, so that the expansion of such tubular chamber (11) is adapted to impart a translation of the stop-end pipe (1) with respect to the concrete (7), such translation being intended to detach it from the concrete that is present in the excavation (9).

IPC 8 full level

E02D 5/18 (2006.01)

CPC (source: EP)

E02D 5/185 (2013.01)

Citation (search report)

- [A] EP 0580926 A1 19940202 - RODIO & C CONST G [IT]
- [A] FR 2617881 A1 19890113 - SPIE BATIGNOLLES [FR]

Cited by

CN110055952A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3006626 A1 20160413

DOCDB simple family (application)

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