

Title (en)
IMPROVEMENTS IN OR RELATING TO MOULDING CONCRETE ARTICLES , IN PARTICULAR SEGMENTS OF LINING FOR TUNNEL OR PIPELINE

Title (de)
VERBESSERUNGEN BEIM GIESSEN VON BETONGEGENSTÄNDEN , INSBESONDERE VON AUSKLEIDUNGSELEMENTEN FÜR TUNNEL ODER PIPELINE

Title (fr)
AMELIORATIONS EN RAPPORT AVEC LE MOULAGE DE SEGMENTS DE REVETEMENT POUR TUNNELS OU PIPELINES

Publication
EP 1192028 A1 20020403 (EN)

Application
EP 00940636 A 20000628

Priority
• GB 0002476 W 20000628
• GB 9915794 A 19990707

Abstract (en)
[origin: GB2351692A] A moulding apparatus (10) for moulding articles (50) in a settable material concrete, the moulding apparatus (10) including a base (14) and one or more mould edges characterised in that the moulding apparatus (10) includes at least one insert (20, 21) which is arranged to extend along a mould edge to provide with a base (14) a moulding recess (12) into which moulding material is introduced, the insert (20, 21) having a surface (28) which faces inwardly of the moulding recess (19) and which is configured so that an edge of the article (50) moulded in the moulding apparatus (10) is provided with a desired formation 51, 52. The formation or protuberance 51 of one segment 50 is adapted to be received in a formation or recess 52 of an adjacent segment. The segments may be for tunnel lining or pipeline. The inserts are changeable. The insert may become permanently attached to the settable material or may be removable after use and may be reusable. The insert may include a gasket which becomes attached to the settable material for sealing between adjacent articles. The insert may be a unitary structure or made up of insert parts.

IPC 1-7
B28B 7/02; **B28B 23/00**; **E21D 11/08**

IPC 8 full level
B28B 7/00 (2006.01); **B28B 7/02** (2006.01); **B28B 23/00** (2006.01)

CPC (source: EP)
B28B 7/0064 (2013.01); **B28B 7/02** (2013.01); **B28B 23/0043** (2013.01); **B28B 23/005** (2013.01); **E21D 11/385** (2013.01)

Cited by
WO2021110686A1

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 0103897 A1 20010118; AT E261804 T1 20040415; AU 5554700 A 20010130; DE 60009067 D1 20040422; EP 1192028 A1 20020403; EP 1192028 B1 20040317; EP 1192028 B2 20070214; GB 2351692 A 20010110; GB 9915794 D0 19990908

DOCDB simple family (application)
GB 0002476 W 20000628; AT 00940636 T 20000628; AU 5554700 A 20000628; DE 60009067 T 20000628; EP 00940636 A 20000628; GB 9915794 A 19990707