

Title (en)
APPARATUS AND METHOD FOR MAKING CONCRETE CONSTRUCTION ELEMENTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN VON BAUELEMENTEN AUS BETON

Title (fr)
APPAREIL ET PROCEDE DE PRODUCTION D'ELEMENTS DE CONSTRUCTION EN BETON

Publication
EP 0634966 B1 19960529 (EN)

Application
EP 93908133 A 19930226

Priority
• NL 9300044 W 19930226
• NL 9200360 A 19920227

Abstract (en)
[origin: WO9316854A1] Described is an apparatus (1) for making concrete construction elements (100) having hollow channels (104) extending in the longitudinal direction thereof. Such an apparatus (1) comprises a first concrete-pouring element (20) for making a bottom layer (110) for the construction element (100) to be made; vibrator shoes (31) for compacting the concrete of the bottom layer (110); a second concrete-pouring element (40) for pouring a second concrete layer (120) onto the bottom layer (110); a vibrator plate (51) for compacting the concrete of the second layer (120); and bars or pipes (61) extending from the vibrator shoes (31) to beyond the vibrator plate (51) for ensuring that the hollow channels (104) are made in the construction element (100) to be made. According to the invention, this apparatus (1) is improved in that between the vibrator shoes (31) and the bars or pipes (61) there is arranged a flexible filling piece (200) having a gradually extending contour.

IPC 1-7
B28B 1/08

IPC 8 full level
B28B 1/093 (2006.01); **B28B 1/08** (2006.01); **B28B 13/02** (2006.01)

CPC (source: EP)
B28B 1/084 (2013.01); **E04B 5/043** (2013.01)

Cited by
NL1013136C2; US6845591B1

Designated contracting state (EPC)
AT BE DE FR GB IT LU NL

DOCDB simple family (publication)
WO 9316854 A1 19930902; AT E138602 T1 19960615; DE 69302906 D1 19960704; DE 69302906 T2 19970220; EP 0634966 A1 19950125; EP 0634966 B1 19960529; JP H07504367 A 19950518; NL 9200360 A 19930916

DOCDB simple family (application)
NL 9300044 W 19930226; AT 93908133 T 19930226; DE 69302906 T 19930226; EP 93908133 A 19930226; JP 51471393 A 19930226; NL 9200360 A 19920227