

Title (en)

PROCESS OF AND APPARATUS FOR FORMING CONCRETE PIPE WITH STEP

Publication

EP 0429389 A3 19911106 (EN)

Application

EP 90610069 A 19901120

Priority

- JP 18080090 A 19900709
- JP 30099889 A 19891120

Abstract (en)

[origin: EP0429389A2] A pallet (15) is connected to a lower end of an outer mold jacket (13) and a core segment (8) to which a step member (27) is attached is removably attached to the pallet (15), and then stiff consistency concrete material is thrown into a forming spacing (19) defined between an inner mold core (1) and the outer mold jacket (13) and is then compacted, whereafter the outer mold jacket (13) and the pallet (15) are lifted to remove a thus formed concrete pipe, and then the core segment (8) is removed from the pallet (15) to separate the same from the step member (27). With the process, an attaching operation of the step member to the core segment and a separating operation of the core segment from the step member after removal of the product can be performed outside the inner mold core. Further, the step member can be retained by the core segment at a location at which it is to be attached until the formed concrete pipe is hardened thoroughly.

IPC 1-7

B28B 23/00; **B28B 21/76**

IPC 8 full level

B28B 21/56 (2006.01); **B28B 21/90** (2006.01)

CPC (source: EP)

B28B 21/566 (2013.01); **B28B 21/90** (2013.01)

Citation (search report)

- [A] US 3142882 A 19640804 - LOVERS GUY J
- [AD] EP 0160170 A1 19851106 - PRINZING GEORG GMBH CO KG [DE]

Cited by

CN107756619A; WO9319913A1

Designated contracting state (EPC)

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