

Title (en)

APPARATUS FOR PRESSING A CONCRETE PIPE IN AN UNDERLYING SOCKET BY CENTRIFUGAL FORCE

Publication

EP 0015469 B1 19820512 (DE)

Application

EP 80100911 A 19800225

Priority

CH 223079 A 19790308

Abstract (en)

[origin: US4334848A] In radially centrifugally molding sections of concrete pipe with a bell at one end, the concrete is poured downwardly into an upwardly extending mold which forms the outer surface of the pipe section. The lower end of the mold is shaped to form the bell end of the pipe section. The concrete is centrifugally forced outwardly against the inner surface of the mold and then is pressed outwardly by a series of rotatable rollers. A pressure wheel is located within the mold above the position of the rollers for limiting the upward movement of the concrete pressed outwardly against the mold and for increasing the concrete pressure acting downwardly toward the bell end of the concrete pipe section.

IPC 1-7

B28B 21/24

IPC 8 full level

B28B 21/24 (2006.01)

CPC (source: EP US)

B28B 21/24 (2013.01 - EP US)

Cited by

EP0072506A1; EP1160065A3; DE4422891C1; US5616351A

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 0015469 A1 19800917; EP 0015469 B1 19820512; AT E999 T1 19820515; DE 3060397 D1 19820701; US 4334848 A 19820615

DOCDB simple family (application)

EP 80100911 A 19800225; AT 80100911 T 19800225; DE 3060397 T 19800225; US 12707380 A 19800304