

Title (en)

Panels for the manufacture of circular above-ground tanks, mould, and associated manufacturing method

Title (de)

Panelen für die Herstellung oberirdischer Rundbehälter, Giessform und Verfahren zu ihrer Herstellung

Title (fr)

Panneaux pour la construction de réservoirs circulaires au-dessus du sol, moule et procédé de construction

Publication

**EP 0707121 B1 20000322 (EN)**

Application

**EP 95115934 A 19951010**

Priority

- IT PC940020 A 19941014
- IT PC950019 A 19950915

Abstract (en)

[origin: EP0707121A1] Reinforced concrete panel for the manufacture of aboveground circular tanks, of the type comprising a wall (1) fitted with a number of horizontal stiffening ribs (3) which contain holes for the passage of pre-stressing cables, wherein the said wall is flat and the said holes are arc-shaped, and a method of manufacture of said panels comprising the following stages: insertion of a flexible tubular element (11), of the same length as an arc which presents a radius equal to the radius of the tank and a chord equal to the width of the panel, into a mould with mobile sides (8,9), on a pair of pegs (10) fitted to the sides at the horizontal ribs (3) of the panel; approach of the mobile sides (8,9) until the mould closes, so that the said flexible tubular element (11) takes on the arc shape required; installation of reinforcement and laying of concrete; concrete shaving; curing and removal of finished product. <IMAGE>

IPC 1-7

**E04H 7/20**; **B28B 7/28**; **B28B 23/04**

IPC 8 full level

**B28B 7/28** (2006.01); **B28B 23/04** (2006.01); **E04H 7/20** (2006.01)

CPC (source: EP)

**B28B 7/28** (2013.01); **B28B 23/046** (2013.01); **E04H 7/20** (2013.01)

Cited by

EP2746016A1; CN102414382A; CN107520948A; CN102747688A; CN110145154A; ITPC20120031A1; WO2010105791A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT

DOCDB simple family (publication)

**EP 0707121 A1 19960417**; **EP 0707121 B1 20000322**; AT E191051 T1 20000415; DE 69515780 D1 20000427; DE 69515780 T2 20000907; DK 0707121 T3 20000828; ES 2144086 T3 20000601; GR 3033437 T3 20000929; PT 707121 E 20000731

DOCDB simple family (application)

**EP 95115934 A 19951010**; AT 95115934 T 19951010; DE 69515780 T 19951010; DK 95115934 T 19951010; ES 95115934 T 19951010; GR 20000401124 T 20000518; PT 95115934 T 19951010