

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; CN107520948A; CN102414382A; CN102747688A; CN110145154A; ITPC20120031A1; WO2010105791A1; WO2024073790A1

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