

Title (en)

Method for constructing basins for the nuclear industry, and basins realized according to this method.

Title (de)

Konstruktionsverfahren für Bassins für die Nuklearindustrie, und nach diesem Verfahren hergestellte Bassins.

Title (fr)

Procédé de construction de piscines pour l'industrie nucléaire et piscines réalisées selon ce procédé.

Publication

EP 0010053 A1 19800416 (FR)

Application

EP 79420048 A 19791011

Priority

FR 7829596 A 19781011

Abstract (en)

1. Method of constructing tanks of swimming pool type for the nuclear industry, of the kind comprising first of all providing a concrete mass (1) whose free face (1a) is set back relatively to a wall intended to be a support for a metal lining (10), then mounting hollow vertical metal section members (3-4) such that the face turned towards the inside of the tank is situated level with the aforesaid support wall, and then constructing the latter between the said section members (3-4), characterized in that there are superposed edgewise between two lateral retaining flanges projecting towards one another on two adjacent section members (3-4), a series of panels (5) made of rigid material so as to form over a portion of the height of the tank a lost formwork whose face directed towards the interior of the tank coincides with the desired support wall, then the free space (9) left between the mutually facing faces of the mass (1) and the said panels (5) is furnished with concrete, the operations are renewed to construct the entire height of the tank, and the metal lining (10) is placed against the support wall constituted by the free face of the assembly of panels (5) which have been used.

Abstract (fr)

Perfectionnements à la construction de piscines pour l'industrie nucléaire et applications analogues. L'invention vise à faciliter le garnissage de l'espace libre (9) ménagé entre la face interne du revêtement métallique (10) d'une piscine et la paroi (1a) du massif en béton construit en retrait. On a recours à un coffrage perdu formé par une série de plaques (5) en fibrociment dont les bords verticaux fraisés (5a) prennent appui contre les ailettes débordantes des lattes (4) qui ferment les profilés creux usuels (4).

IPC 1-7

E04H 7/18

IPC 8 full level

E04H 7/18 (2006.01)

CPC (source: EP)

E04H 7/18 (2013.01)

Citation (search report)

- FR 1590183 A 19700413
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Designated contracting state (EPC)

BE DE GB IT NL

DOCDB simple family (publication)

EP 0010053 A1 19800416; EP 0010053 B1 19821020; DE 2963896 D1 19821125; ES 484888 A0 19801101; ES 8100409 A1 19801101; FR 2438896 A1 19800509; FR 2438896 B1 19830107

DOCDB simple family (application)

EP 79420048 A 19791011; DE 2963896 T 19791011; ES 484888 A 19791010; FR 7829596 A 19781011