

Title (en)

METHOD OF RENDERING A HYDRAULIC STRUCTURE MADE OF COMPACTED CONCRETE OR FILLED EARTH WATER-TIGHT

Publication

**EP 0248725 B1 19900829 (FR)**

Application

**EP 87401228 A 19870602**

Priority

FR 8608086 A 19860603

Abstract (en)

1. Method for rendering waterproof a roller compacted concrete hydraulic structure such as a dam wherein an impermeable membrane (2) is placed on the side of said structure (1) in contact with the water, wherein said membrane (2) is made up from a staggered series of worked and assembled thick plastics material with scales (3) interlocked with each other and then welded together in a continuous way and fixed into the structure (1) by vertical fixings (11, 13) and separated from said structure (1) by a geotextile complex (4), enabling movement of the scales (3) and initiating microfissures spread regularly through the structure (1).

IPC 1-7

**E02B 3/16; E04B 1/66**

IPC 8 full level

**E02B 7/02** (2006.01); **E01C 13/00** (2006.01); **E01C 13/10** (2006.01); **E02B 1/00** (2006.01); **E02B 3/16** (2006.01); **E02B 7/00** (2006.01); **E04B 1/66** (2006.01); **E04H 4/02** (2006.01); **E21D 11/38** (2006.01)

CPC (source: EP US)

**E02B 3/16** (2013.01 - EP US)

Cited by

FR2656018A1; CN102839636A; WO9108995A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0248725 A1 19871209; EP 0248725 B1 19900829**; AT E56061 T1 19900915; AU 592644 B2 19900118; AU 7344587 A 19871210; BR 8702818 A 19880301; CA 1284890 C 19910618; CN 1012380 B 19910417; CN 87104677 A 19871216; DE 3764542 D1 19901004; ES 2018282 B3 19910401; FR 2599400 A1 19871204; FR 2599400 B1 19910405; GR 3001115 T3 19920512; JP H052049 B2 19930111; JP S62291309 A 19871218; MA 20995 A1 19871231; OA 08607 A 19881130; PT 85005 A 19880701; PT 85005 B 19930730; RU 2060319 C1 19960520; TN SN87076 A1 19900101; TR 23814 A 19900913; US 4913583 A 19900403; YU 101887 A 19901231; ZA 873751 B 19871123

DOCDB simple family (application)

**EP 87401228 A 19870602**; AT 87401228 T 19870602; AU 7344587 A 19870527; BR 8702818 A 19870602; CA 538632 A 19870602; CN 87104677 A 19870602; DE 3764542 T 19870602; ES 87401228 T 19870602; FR 8608086 A 19860603; GR 900400978 T 19901128; JP 13884987 A 19870602; MA 21234 A 19870602; OA 59132 A 19870603; PT 8500587 A 19870603; SU 4202726 A 19870602; TN SN87076 A 19870528; TR 38687 A 19870603; US 37052489 A 19890623; YU 101887 A 19870602; ZA 873751 A 19870525