

Title (en)

MASTIC ASPHALT AND EMBEDDED REFRIGERANT PIPES FOR THE CONSTRUCTION OF ICE RINKS AND ICE SURFACES, AND FOR THE SIMULTANEOUS USE AS SPORTS AND PLAY GROUNDS

Publication

EP 0168504 B1 19870616 (DE)

Application

EP 83113198 A 19831229

Priority

EP 83113198 A 19831229

Abstract (en)

[origin: EP0168504A1] 1. Process for the production of an artificially frozen ice rink structure consisting of the mineral, statically loadbearing base onto which a layer of material is placed for the embedding of the pipes carrying the refrigerant are embedded consists of mastic asphalt, the bitumen content of pumped which is formed by primary bitumen which has a penetration (100g, 5s, 258C- of not less than 35 to 50 m**1, a ring and ball softening point of max. 54 to 598C and a Fraas brittle temperature of a least -68C.

IPC 1-7

E01C 13/00; **E01C 7/26**

IPC 8 full level

E01C 7/26 (2006.01); **E01C 13/10** (2006.01)

CPC (source: EP)

E01C 7/265 (2013.01); **E01C 13/105** (2013.01)

Cited by

CN101886363A; DE102010007003A1; EP0816566A3; CN101929120A; CN109356409A; EP2354307A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0168504 A1 19860122; **EP 0168504 B1 19870616**; AT E27836 T1 19870715; DE 3372113 D1 19870723

DOCDB simple family (application)

EP 83113198 A 19831229; AT 83113198 T 19831229; DE 3372113 T 19831229