

Title (en)

Coaltar pitch, preparation and use thereof.

Title (de)

Steinkohlenteerpech, seine Herstellung und Verwendung.

Title (fr)

Brai de goudron de houille, sa préparation et son utilisation.

Publication

**EP 0510315 B1 19940831 (DE)**

Application

**EP 92102398 A 19920213**

Priority

DE 4112955 A 19910420

Abstract (en)

[origin: EP0510315A1] To prepare an isotropic coal tar pitch having a reduced carcinogen content, coal tar pitch is distilled in an evaporator having a specific evaporator surface area of 330 to 10,000 m<sup>2</sup>/m<sup>3</sup> in a temperature range from 300 to 380 DEG C at a pressure of not more than 1 mbar and a mean residence time of 2 to 10 minutes. The resulting isotropic pitch contains less than 50 ppm of benzo-a-pyrene. The pitch is suitable, if appropriate after the addition of oils low in benzo-a-pyrene, resins or other modifying agents, as a binder and impregnating agent and also as a building protection and paint.

IPC 1-7

**C10C 1/00**; **C10C 1/04**

IPC 8 full level

**C08L 95/00** (2006.01); **C09D 195/00** (2006.01); **C10C 1/00** (2006.01); **C10C 1/04** (2006.01); **C10C 1/19** (2006.01); **C10C 3/06** (2006.01)

CPC (source: EP US)

**C10C 1/00** (2013.01 - EP US); **C10C 1/04** (2013.01 - EP US); **C10C 1/19** (2013.01 - EP US)

Cited by

EP0957150A1; EP3326982A1; WO2018099853A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0510315 A1 19921028**; **EP 0510315 B1 19940831**; AT E110765 T1 19940915; DE 4112955 A1 19921022; DE 59200428 D1 19941006; DK 0510315 T3 19941003; ES 2034934 T1 19930416; ES 2034934 T3 19941216; GR 920300121 T1 19930316; JP 3105997 B2 20001106; JP H05125366 A 19930521; US 5262043 A 19931116

DOCDB simple family (application)

**EP 92102398 A 19920213**; AT 92102398 T 19920213; DE 4112955 A 19910420; DE 59200428 T 19920213; DK 92102398 T 19920213; ES 92102398 T 19920213; GR 920300121 T 19930316; JP 9826892 A 19920417; US 86993692 A 19920417