

Title (en)

POROUS SURFACE COVERING ELEMENT AND ITS APPLICATION

Publication

**EP 0471978 A3 19920422 (DE)**

Application

**EP 91111775 A 19910715**

Priority

DE 4022586 A 19900716

Abstract (en)

[origin: EP0471978A2] The invention relates to a water-permeable surface covering element (2) for road surfaces, having a body of mineral grains (22) bonded with a binder while leaving through-pores (20) free, in particular of concrete. According to the invention, a facing layer (6) covering the body (4) is provided with pores (20) which go through to the body and the average free permeating cross-section of which is less than the average free permeating cross-section of the pores (28) of the body. In addition, the invention relates to the application of a high-pressure water jet method of flushing out the through-pores (20) of the facing layer (6) in the composite road surface of the surface covering elements (2). <IMAGE>

IPC 1-7

**E01C 5/06; E01C 5/22; E01C 5/20**

IPC 8 full level

**E01C 5/06** (2006.01); **E01C 5/20** (2006.01); **E01C 5/22** (2006.01); **E01C 11/22** (2006.01)

CPC (source: EP)

**E01C 5/065** (2013.01); **E01C 5/22** (2013.01); **E01C 11/225** (2013.01)

Citation (search report)

- DE 3909169 A1 19891005 - TAKAHASHI SABURO [JP], et al
- CH 569151 A5 19751114 - WELTY LLOYD G
- AT 388003 B 19890425 - KATZENBERGER HELMUT [ST]
- GB 2136470 A 19840919 - MOORE BARRIE PETER
- FR 2500025 A1 19820820 - SERVISPORT STE NLE FABR [FR]
- DE 8808104 U1 19880825
- FR 2143412 A3 19730202 - BAYER AG
- [X] NL 8802579 A 19900516
- WEGEN, Band 64, Nr. 6, Juni 1990, Seiten 30-31, Ede, NL; G. G. VAN BOCHOVE: "Nieuw concept voor zeer open asfaltbeton", das ganze Dokument.

Cited by

BE1031373B1; EP2236670A3; EP1079024A3; EP2236670A2; US7856783B2; WO9530050A1; WO02070823A1; WO9425676A1

Designated contracting state (EPC)

AT BE CH DE FR LI LU NL

DOCDB simple family (publication)

**EP 0471978 A2 19920226; EP 0471978 A3 19920422; EP 0471978 B1 19940406**; AT E104008 T1 19940415; DE 4022586 A1 19910808;  
DE 59101318 D1 19940511

DOCDB simple family (application)

**EP 91111775 A 19910715**; AT 91111775 T 19910715; DE 4022586 A 19900716; DE 59101318 T 19910715