

Title (en)
Voluminous elastic mat structure

Title (de)
Voluminöse, sprungelastische Mattenstruktur

Title (fr)
Structure de tapis volumineux et élastique

Publication
EP 0972872 A3 20000913 (DE)

Application
EP 99111556 A 19990615

Priority
DE 19827594 A 19980620

Abstract (en)
[origin: EP0972872A2] The mat structure is made of warp-knitted material and includes worked-in pick elements which consist of elastic, loose fiber structures shaped to resemble rope. The elements are bound through radial tying into the binding elements of the warp-knitted structure at distances matching the wales or ridges in the fabric.

IPC 1-7
D04B 21/14

IPC 8 full level
D04B 21/14 (2006.01)

CPC (source: EP)
D04B 21/14 (2013.01); **D10B 2403/024** (2013.01)

Citation (search report)
• [A] GB 542349 A 19420105 - US RUBBER CO
• [A] US 4838043 A 19890613 - JENCKS DAVIS C [US]
• [PDA] DE 19707378 A1 19980903 - SAECHSISCHES TEXTILFORSCH INST [DE]
• [A] EP 0212984 A2 19870304 - ASAHI CHEMICAL IND [JP]
• [A] DE 3716476 C1 19871217 - WAGENER SAERBECK TEXTIL

Cited by
DE19949126B4

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0972872 A2 20000119; EP 0972872 A3 20000913; EP 0972872 B1 20011219; AT E211192 T1 20020115; DE 19827594 A1 19991230; DE 59900577 D1 20020131; DK 0972872 T3 20020422; ES 2169580 T3 20020701; PT 972872 E 20020628

DOCDB simple family (application)
EP 99111556 A 19990615; AT 99111556 T 19990615; DE 19827594 A 19980620; DE 59900577 T 19990615; DK 99111556 T 19990615; ES 99111556 T 19990615; PT 99111556 T 19990615