

Title (en)  
ABSORBENT SHOE-LINING MATERIAL

Publication  
**EP 0290895 A3 19900704 (DE)**

Application  
**EP 88106975 A 19880430**

Priority  
DE 3716303 A 19870515

Abstract (en)  
[origin: US4843739A] The present invention involves an inner shoe material with adsorbent properties, whereby activated carbon particles are fixed as the adsorbent material by means of an adhesive substance in a punctiform manner to the side of the material facing away from the foot. The inner shoe material of the invention can be designed as inside lining, insoles, slipssoles, as inner sole of the shoe or as a covering material for the inner sole of the shoe. The inner shoe material of the invention can e.g. be used for combat boots with integrated C-protection or for safety boots with protection against aggressive chemicals. The inner shoe material has the advantage that it exhibits a high degree of scuff resistance on the one hand and the adsorbent activated carbon is freely accessible to the substances to be adsorbed, on the other.

IPC 1-7  
**A43B 17/10**

IPC 8 full level  
**A43B 13/14** (2006.01); **A43B 13/38** (2006.01); **A43B 17/00** (2006.01); **A43B 17/10** (2006.01); **A43B 23/07** (2006.01)

CPC (source: EP KR US)  
**A43B 7/00** (2013.01 - KR); **A43B 17/102** (2013.01 - EP US); **Y10T 428/2481** (2015.01 - EP US)

Citation (search report)  
• [X] DE 2732824 A1 19780202 - ASS PAPER IND  
• [A] US 2425388 A 19470812 - BERNARD OESTRICHER  
• [A] US 4235027 A 19801125 - SINGH TEJ K [GB]

Cited by  
EP0498365A3

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0290895 A2 19881117; EP 0290895 A3 19900704; EP 0290895 B1 19930922**; AT E94731 T1 19931015; CA 1336538 C 19950808; DE 3716303 A1 19881124; DE 3884265 D1 19931028; DK 166008 B 19930301; DK 166008 C 19930712; DK 256588 A 19881116; DK 256588 D0 19880510; ES 2043714 T3 19940101; JP S63292901 A 19881130; KR 880013491 A 19881221; NO 164694 B 19900730; NO 164694 C 19901107; NO 882095 D0 19880513; NO 882095 L 19881116; TR 26962 A 19940912; US 4843739 A 19890704

DOCDB simple family (application)  
**EP 88106975 A 19880430**; AT 88106975 T 19880430; CA 562997 A 19880330; DE 3716303 A 19870515; DE 3884265 T 19880430; DK 256588 A 19880510; ES 88106975 T 19880430; JP 9261788 A 19880414; KR 880003230 A 19880325; NO 882095 A 19880513; TR 34888 A 19880513; US 19405488 A 19880513