

Title (en)  
SHOE TOE OR HEEL END STIFFENER

Title (de)  
SCHUHSPIITZE- ODER FERSENVERSTEIFUNG

Title (fr)  
CONTREFORT DE POINTE DE CHAUSSURE OU D'EXTREMITÉ DE TALON

Publication  
**EP 1161158 A1 20011212 (EN)**

Application  
**EP 00906467 A 20000224**

Priority  
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• GB 9905755 A 19990313

Abstract (en)  
[origin: WO054617A1] A shoe toe or heel end stiffener consisting of a net, at least some strands of which are of hot melt adhesive material having an activation temperature of between 50 DEG C and 80 DEG C. Suitable adhesive materials include polycaprolactone and certain polyesters. The stiffeners are of improved stiffness per unit weight, in comparison with previously known stiffeners.

IPC 1-7  
**A43B 23/16**

IPC 8 full level  
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CPC (source: EP KR US)  
**A43B 23/086** (2013.01 - EP KR US); **A43B 23/088** (2013.01 - KR); **A43B 23/16** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 0054617A1

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