

Title (en)  
Shoe sole

Title (de)  
Schuhsohle

Title (fr)  
Semelage de chaussure

Publication  
**EP 1428447 A1 20040616 (FR)**

Application  
**EP 03023098 A 20031015**

Priority  
FR 0216239 A 20021211

Abstract (en)  
The assembly consists of a rubber or polymer under sole (40), a sole reinforcing element (50), and an upper reinforcing element (20) that is connected to the sole reinforcing element so they are supple in a transverse direction. The connection between the two reinforcing elements is made by sticking them to an intermediate shock-absorbing sole (60). The upper reinforcing element is also attached to the shoe's upper.

Abstract (fr)  
Chaussure comportant, d'une part, un semelage comprenant au moins une semelle (40) d'usure et un élément de renfort de semelage (50) et, d'autre part, un élément de renfort de tige (20) qui est couplé à l'élément de renfort de semelage. Le couplage de l'élément de renfort de semelage (50) et de l'élément de renfort de tige (20) est souple au moins en direction transversale. <IMAGE>

IPC 1-7  
**A43B 13/12**; **A43B 13/14**; **A43B 23/17**

IPC 8 full level  
**A43B 13/12** (2006.01); **A43B 13/14** (2006.01); **A43B 23/17** (2006.01)

CPC (source: EP US)  
**A43B 13/026** (2013.01 - EP US); **A43B 13/12** (2013.01 - EP US); **A43B 13/141** (2013.01 - EP US); **A43B 23/17** (2013.01 - EP US)

Citation (search report)

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