

Title (en)  
A CUSHION SYSTEM FOR SHOES

Publication  
**EP 0215491 B1 19901227 (EN)**

Application  
**EP 86112957 A 19860919**

Priority  
IT 1771085 A 19850920

Abstract (en)  
[origin: EP0215491A1] The cushioning assembly for the shoe is located in the rear part and comprises at least one spring (3) positioned between the outer sole (10) and the shoe upper (8), the shoe comprising an intersole (5) positioned between the outer sole and the upper. The outer sole has at least one internally threaded orifice (11) and at least one pin (1) is provided with an externally threaded portion, the externally threaded portion being engageable with the threaded orifice of the outer sole. The intersole has at least one threaded orifice of same size as the orifice of the outer sole, so that the spring rests on the threaded portion of the pin. The upper member has at least one tooth, the tooth entering the upper part of the spring, whereby the spring is held in place. Preferably a plurality of pins and springs and a plurality of teeth are provided and the springs may also be held in place between one tooth and the adjacent tooth.

IPC 1-7  
**A43B 13/18; A43B 21/30**

IPC 8 full level  
**A43B 7/32** (2006.01); **A43B 13/18** (2006.01); **A43B 17/06** (2006.01); **A43B 21/30** (2006.01)

CPC (source: EP KR)  
**A43B 7/32** (2013.01 - KR); **A43B 13/18** (2013.01 - KR); **A43B 13/182** (2013.01 - EP); **A43B 17/06** (2013.01 - KR); **A43B 21/30** (2013.01 - EP)

Cited by  
WO03045183A1; EP0449762B1

Designated contracting state (EPC)  
CH DE FR GB LI NL SE

DOCDB simple family (publication)  
**EP 0215491 A1 19870325; EP 0215491 B1 19901227**; DE 3676600 D1 19910207; IT 1202339 B 19890202; IT 8517710 A0 19850920; JP H0714361 B2 19950222; JP S62109502 A 19870520; KR 870002788 A 19870413; KR 900005671 B1 19900806

DOCDB simple family (application)  
**EP 86112957 A 19860919**; DE 3676600 T 19860919; IT 1771085 A 19850920; JP 22174386 A 19860919; KR 860007883 A 19860920