

Title (en)  
Cross-country ski boot.

Title (de)  
Langlauf-Skischuh.

Title (fr)  
Chaussure de ski de fond.

Publication  
**EP 0086149 A1 19830817 (FR)**

Application  
**EP 83400225 A 19830202**

Priority  
FR 8201911 A 19820205

Abstract (en)  
[origin: US4505056A] The present invention relates to a cross-country ski boot, wherein said boot comprises a shell in rigid plastic material, removably fittable over an inner shoe in supple material which is relatively thick for comfort and size-compensation, the upper part of said shell being entirely cut out in the area where the boot is required to bend at the same time as the metatarsus, substantially through to the outer sole and the inner shoe, which is in closed-pore wear-resistant foam, more densified in some parts than in others, comprising a thicker and compressible part which encloses the top of the foot and which presents, in facing relation to the metatarsal perforations, of the shell, transverse grooves which also help antero-posterior bending.

Abstract (fr)  
La chaussure de ski de fond comporte une coque (1) en matière plastique rigide s'emboîtant de façon démontable sur un chausson (2) de marche en matière souple relativement épais pour le confort et la compensation de pointure ; dans la zone de flexion au droit du métatarse, la partie tige (4) de la coque est entièrement ajourée (14) jusqu'à sensiblement la semelle d'usure (3) et le chausson (2) qui est en mousse à pores fermés, résistante à l'usure et plus ou moins densifiée suivant l'endroit, comporte une partie (20) épaissie et compressible qui enveloppe le dessus du pied et qui présente, en regard de l'ajourage métatarsien de la coque, des rainures transversales (21) favorisant la flexion antéro-postérieure.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP US)  
**A43B 5/0411** (2013.01 - EP US); **A43B 13/141** (2013.01 - EP US)

Citation (search report)  
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• [Y] FR 2130644 A1 19721103 - MARKER HANNES  
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• [A] PLASTVERARBEITER, vol. 28, no. 6, 1977, pages 335-336, Speyer/Rhein, DE., 'Hytrel' in neuer nordischer Ski-Ausrüstung'

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