

Title (en)  
ATHLETIC SHOE SOLE AND METHOD OF MANUFACTURE

Publication  
**EP 0130816 A3 19850522 (EN)**

Application  
**EP 84304472 A 19840629**

Priority  
US 50992183 A 19830701

Abstract (en)  
[origin: EP0130816A2] An athletic shoe sole and a method of making the same which includes a pre-formed structure (20) having a plurality of dividers (22) that define a plurality of cells (24), the cells having therein an expanded, resilient material (40) such that the resilient material and therefore the sole has a varied hardness, the hardness being greater in zones (42) closer to the dividers than the hardness of zones (44) removed from the dividers. The preformed size and shape of the cells may vary throughout the extent of the sole, resulting in a gradually-varying average hardness. At least part of the compression properties may result from the mechanical properties of the dividers (22) themselves.

IPC 1-7  
**A43B 13/16**

IPC 8 full level  
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CPC (source: EP KR)  
**A43B 13/14** (2013.01 - KR); **A43B 13/16** (2013.01 - EP)

Citation (search report)

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