

Title (en)  
INFLATABLE LINING FOR FOOTWEAR

Publication  
**EP 0545940 A4 19931229 (EN)**

Application  
**EP 91911924 A 19910617**

Priority  
• US 53997890 A 19900618  
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Abstract (en)  
[origin: WO9119430A1] There is disclosed an inflatable lining (10) for selected inner surfaces of footwear, such as a shoe, boot or sandal. The inflatable lining (10) is formed of first (12) and second (14) plastic sheets having the shape and size of the selected inner surfaces, e.g., a sole, or any portion of the upper surfaces of the footwear. The sheets are bonded together in a continuous seam (16) about their peripheral edges thereby forming a sealed interior chamber. The inflatable liner is provided with an air pump (50) that preferably is a flexible bulb (66) with an inlet valve which discharges into a flexible tube (70) which extends to a pressure control valve (68) and then to the interior chamber of the inflatable inner sole. Preferably the flexible bulb is mounted at the heel of the inner sole (10). The pressure relief valve (68) is manually adjustable to control the pressure within the inflatable inner sole.

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