

Title (en)
Device for internal ventilation of shoes.

Title (de)
Vorrichtung zur Innenbelüftung von Schuhe.

Title (fr)
Dispositif de ventilation interne des chaussures.

Publication
EP 0680704 A1 19951108 (EN)

Application
EP 94105259 A 19940405

Priority
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Abstract (en)
The present invention relates to a device that allows the internal ventilation of shoes of the type including a sole (3) with which an upper (4) is associated. The device (1) has an air bag (5) associated with the sole (3) at the front region. The air bag (5) is connected to the inside of the shoe by means of a first intake valve (10) and to the outside of the shoe by means of a second discharge valve (15). While walking it is therefore possible to aspirate air and expel the associated moisture that are present inside the shoe, allowing to maintain an optimum condition for the foot inside the shoe. <IMAGE>

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CPC (source: EP)
A43B 7/082 (2013.01); **A43B 17/08** (2013.01)

Citation (search report)

- [X] GB 2247391 A 19920304 - TRIPLE THREE LEISURE LIMITED [GB]
- [X] WO 8603951 A1 19860717 - EL SAKKAF SHERIF MOUSTAFFA
- [A] US 4860463 A 19890829 - PIN HUANG [TW]
- [A] US 5195254 A 19930323 - TYNG LIOU Y [TW]
- [A] US 4974342 A 19901204 - NAKAMURA TOSHIMITSU [JP]

Cited by
MD2970C2; NL1007606C2

Designated contracting state (EPC)
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EP 0680704 A1 19951108; **EP 0680704 B1 19980805**; AT E169186 T1 19980815; DE 69412238 D1 19980910; DE 69412238 T2 19990401; ES 2122067 T3 19981216

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