

Title (en)

Chimney structures for footwear and foot coverings

Title (de)

Kaminkonstruktion für Schuhwerk und Fussabdeckung

Title (fr)

Structure de cheminée pour chaussure et chausson pour pied

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Application

EP 05021291 A 20050929

Priority

- US 14323205 A 20050602
- US 14353805 A 20050602
- US 14332605 A 20050602

Abstract (en)

The present invention employs chimneys (32, 34) and chimney structures (36, 60) to move or vent heat and moisture away from the foot and out of the microclimate of the shoe. The chimneys (32, 34) define pathways (42, 54) that utilize convection and other principles to cool and dry the foot. The chimneys (32, 34) and chimney structures (36, 60) can have many different configurations, and can be positioned anywhere desired in the upper (14). For example, chimneys (32, 34) can be positioned on the sidewalls (20) of the upper (14), in the tongue (26), or both. Chimneys (32, 34) and chimney structures (36, 60) can also be used with form-fitting foot coverings (720) such as socks or leggings, or used with other apparel. Specialized footbeds (800) can also be employed with footwear chimneys (32, 34) to evacuate hot, moist air away from the underside of the foot and towards the chimneys (32, 34).

IPC 8 full level

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Citation (applicant)

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