

Title (en)

Use of a body of expanded metal as fire protection filter.

Title (de)

Verwendung eines Streckmetallkörpers als brandschutztechnischer Filter.

Title (fr)

Utilisation d'un élément de métal déployé comme filtre de protection anti-feu.

Publication

EP 0345793 B1 19951129 (DE)

Application

EP 89110415 A 19890608

Priority

DE 3819832 A 19880610

Abstract (en)

[origin: EP0345793A2] The invention relates to the inhibition of the propagation of a fire in a building along ventilation ducts. To this end, a lattice of highly heat-conductive material, such as expanded metal, is introduced into the cross-section of the ventilation duct and is able to conduct heat away to the walls of the ventilation duct and hence prevent or delay the breaking-through of the flame. Since such a lattice becomes soiled during the operation of the ventilation plant, it must be easy to exchange and clean. For this reason, it is advisable to introduce the filling in the form of expanded metal spheres laid loose on a strong intermediate level made from transverse struts or perforated sheets, etc. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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