

Title (en)

FIRE PROTECTION AND FIRE EXTINGUISHING DEVICE FOR WATER -CONDUCTING DOMESTIC APPLIANCES

Title (de)

BRANDSCHUTZ- UND BRANDLÖSCHEINRICHTUNG FÜR WASSERFÜHRENDE HAUSHALTGERÄTE

Title (fr)

DISPOSITIF DE PROTECTION CONTRE L'INCENDIE ET D'EXTINCTION D'INCENDIE POUR DES APPAREILS ELECTROMENAGERS CONDUISANT DE L'EAU

Publication

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Application

EP 02743191 A 20020613

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Abstract (en)

[origin: WO03002207A1] The invention relates to a fire protection and fire extinguishing device for a water-conducting domestic appliance. At the outset of a malfunction which could potentially result in the domestic appliance catching fire, said device carries out measures which can protect the domestic appliance from further damage, prevent the danger of fire and which can extinguish a fire which has already broken out. According to the invention, the fire protection and fire extinguishing device for water-conducting devices (2) comprises at least one fault current circuit breaker, at least one gas sensor (5) with a gas sensor circuit and at least one water sprinkler system. The at least one fault current circuit breaker is embodied in such a way and arranged in the domestic appliance (2) in such a way that a fault current in one of the electric conductors of the domestic appliance (2) results in disconnection of the electricity supply of the domestic appliance (2) and the at least one gas sensor (5) produces a signal after a specific amount of control gas is present inside the domestic appliance (2), said signal resulting in disconnection of the electricity supply of the domestic appliance (2) and activating the at least one sprinkler system to extinguish the fire.

IPC 8 full level

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