

Title (en)  
TEMPERATURE LIMITING DEVICE

Title (de)  
TEMPERATURBEGRENZUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE LIMITATION DE TEMPÉRATURE

Publication  
**EP 4371139 A1 20240522 (EN)**

Application  
**EP 22757702 A 20220715**

Priority

- IT 202100018770 A 20210715
- IT 2022050209 W 20220715

Abstract (en)  
[origin: WO2023286102A1] The temperature limiting device comprises an outer container (2) defining a cup-shaped housing (3), closed by a lid (4), inside which a spring-loaded disc (6) and a bimetallic disc (7) are stacked. The lid (4) of the outer container (2) and the spring-loaded disc (6) have, integrally therewith, a fixed contact (10) and at least one movable contact (11, 15) respectively. A protective cover (12) made of resin insulating material suitable for polymerizing by exposure to a source of UV rays is placed above the lid (4).

IPC 8 full level  
**H01H 37/54** (2006.01); **H01H 9/04** (2006.01); **H01H 11/00** (2006.01); **H01H 37/04** (2006.01)

CPC (source: EP)  
**H01H 11/00** (2013.01); **H01H 37/04** (2013.01); **H01H 37/5427** (2013.01); **H01H 9/04** (2013.01); **H01H 2037/5463** (2013.01); **H01H 2037/5481** (2013.01)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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KH MA MD TN

DOCDB simple family (publication)  
**WO 2023286102 A1 20230119**; EP 4371139 A1 20240522; IT 202100018770 A1 20230115

DOCDB simple family (application)  
**IT 2022050209 W 20220715**; EP 22757702 A 20220715; IT 202100018770 A 20210715