

Title (en)  
BUILDING WITH A ROOF WITH A FIRE-RESISTANT LAYER

Title (de)  
GEBÄUDE MIT EINEM DACH MIT EINER BRANDSCHUTZSCHICHT

Title (fr)  
BÂTIMENT AVEC UN TOIT AVEC UNE COUCHE IGNIFUGE

Publication  
**EP 4375447 A1 20240529 (EN)**

Application  
**EP 23207715 A 20231103**

Priority  
NL 2033593 A 20221122

Abstract (en)  
In a roof 1 of a building, a fire-resistant roof construction 3 is present above a fire wall 5. The roof 1 contains insulation layers 1b and 3b on which a roof covering 9 is present. The roof covering 9 is made of flammable material such as bitumen, PVC or EPDM. To make the spread of fire more difficult and to slow down the spread of fire, a fire-resistant layer 11 is present on the roof covering 9 at the location of the entire fire-resistant roof construction 3 and at the location of strips 15 of the roof 1 adjacent to the fire-resistant roof construction 3. This fire-resistant layer 11 consists of panels that are mainly made of magnesium oxide and are attached to the roof covering 9, for example by gluing, sealants or screws.

IPC 8 full level  
**E04D 13/16** (2006.01); **E04D 3/02** (2006.01); **E04D 3/18** (2006.01); **E04D 11/02** (2006.01); **E04D 13/00** (2006.01)

CPC (source: EP)  
**E04D 3/02** (2013.01); **E04D 3/18** (2013.01); **E04D 11/02** (2013.01); **E04D 13/00** (2013.01); **E04D 13/16** (2013.01); **E04D 13/1643** (2013.01); **E04D 13/165** (2013.01); **E04D 13/1662** (2013.01)

Citation (applicant)  
• DE 1609947 A1 19700625 - DOW CHEMICAL CO  
• US 2021277653 A1 20210909 - POSPISIL FRANK [US], et al

Citation (search report)  
• [A] DE 1609947 A1 19700625 - DOW CHEMICAL CO  
• [A] US 2021277653 A1 20210909 - POSPISIL FRANK [US], et al  
• [A] US 9605433 B2 20170328 - PARADIS DUANE [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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