

Title (en)
HEAT GLASS

Title (de)
BEHEIZTES GLAS

Title (fr)
VERRE CHAUFFÉ

Publication
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Application
EP 17736693 A 20170712

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Abstract (en)
[origin: WO2018011287A1] The invention relates to a heatable, transparent fire-protection safety glazing (1) for marine applications, which glazing has a first, highly prestressed surface element (2), a second surface element (3), and an electrically conductive element (4). The first and second surface elements (2, 3) each have two substantially parallel large surfaces, which are also referred to as flat sides. The electrically conductive element (4) is arranged on a flat side of the first or second surface element (2, 3). The fire-protection safety glazing (1) is designed as a monolithic laminated safety glazing, and the electrically conductive element (4) is arranged between the first surface element (2) and the second surface element (3). In case of fire, the fire-protection safety glazing (1) is room-sealing, i.e. fire-resistant, for at least 20 minutes. Therefore, the fire-protection safety glazing (1) is not only heatable but also fire-resistant, these two properties resulting not from a simple combination but rather from integrating the fire resistance into the heatable fire-protection safety glazing.

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Citation (search report)
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