

Title (en)
BUILDING ENVELOPE COMPRISING A MULTI-FUNCTIONAL GLASS ELEMENT

Title (de)
GEBÄUDEHÜLLE MIT EINEM MULTIFUNKTIONSGLASELEMENT

Title (fr)
COUVERTURE DE BÂTIMENT COMPORTANT UN ÉLÉMENT EN VERRE MULTIFONCTIONNEL

Publication
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Application
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Abstract (en)
[origin: WO2020011338A1] A curtain wall comprises a frame construction with a plurality of glass elements and optionally panels arranged at a distance from each other in the heat flow direction, wherein a multifunctional glass element is arranged on the interior behind the main heat-insulating plane of the curtain wall, wherein the position of the multifunctional glass element can be modified in the vertical direction and/or the horizontal direction and the multifunctional glass element comprises at least two of the functions from the list comprising (A) anti-glare protection in the form of modifiable or switchable layers, (B) a heating capacity at least in sections, (C) an embodiment with integrated LEDs as interior lighting, (D) an embodiment as an information system, particularly as a screen, at least in sections, (E) an embodiment with at least one integrated camera, and (F) an embodiment with at least one integrated loudspeaker.

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