

Title (en)
FLAT-CONDUCTOR CONNECTION ELEMENT

Title (de)
FLACHLEITERANSCHLUSSELEMENT

Title (fr)
ÉLÉMENT DE CONNEXION À CONDUCTEUR PLAT

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Application
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Abstract (en)
[origin: WO2021156480A1] The present invention relates to a flat-conductor connection element (1) for an electrically conductive structure (3), in particular an electrically conductive layer, applied to a pane (2), the flat-conductor connection element comprising: at least one conductor (4, 4'), containing a flat conductor (5), having a first connection region (9) at a first end (11) and a second connection region (10) at a second end (12), the first connection region (9) having a connection surface (13) for electrically connecting to the electrically conductive structure (3) and having a contact surface (14) opposite the connection surface for contact with a soldering tool; an encapsulation layer (15) made of an electrically insulating material, which encapsulation layer surrounds the conductor (4) at least in a conductor portion containing the first connection region (9), the encapsulation layer (15) having a through-hole (19), through which the connection surface (13) and the contact surface (14) of the first connection region (9) are accessible, the first connection region (9) of the conductor (4) being within the through-hole (19) in a view perpendicularly through the plane of the encapsulation layer (15). The present invention further relates to a connection assembly having a flat-conductor connection element of this type, the through-hole of which flat-conductor connection element is covered.

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