Title (en)

ELECTRONICALLY CONDUCTIVE SPACERS, METHOD FOR MAKING SAME AND USES IN PARTICULAR FOR DISPLAY SCREENS

Title (de)

ELEKTRONISCH LEITFÄHIGE ABSTANDHALTER, HERSTELLUNGSVERFAHREN DAFÜR UND ANWENDUNGEN, INSBESONDERE FÜR BILDSCHIRME

Title (fr)

ESPACEURS POSSEDANT UNE CONDUCTIVITE ELECTRONIQUE, PROCEDE DE FABRICATION ET APPLICATIONS NOTAMMENT POUR LES ECRANS DE VISUALISATION

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Application

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Abstract (en)

[origin: WO03084890A1] The invention concerns a spacer designed to maintain a gap between two substrates made of glass sheets, more particularly a gap with limited thickness, generally less than a few millimeters, over the entire surface of the sheet substrates, in a device such as a display screen, a vacuum insulating glass or a planar lamp, the surface of said spacer being at least partly electronically conductive. The invention is characterized in that said spacer consists of a core having no electronic conductivity, whereof the shape and the constituting material are selected to ensure thermomechanical resistance of the substrates in the final device, said core being coated at least partly with at least a glass layer having electronic conductivity and adapted to impart to the spacer electronic conductivity of 10<-13> to 10 ohm<-1>.cm<-1> at 50 DEG C.

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IPC 8 full level

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