

Title (en)

VISCO-ELASTIC PLASTIC SPACER FOR VIBRO-ACOUSTIC DAMPING AND GLAZING COMPRISING SUCH A SPACER

Title (de)

VISKOELASTISCHER PLASTISCHER ABSTANDSHALTER FÜR VIBRO-AKUSTISCHE DÄMPFUNG UND VERGLASUNG MIT SOLCHEM ABSTANDSHALTER

Title (fr)

INTERCALAIRE PLASTIQUE VISCOELASTIQUE POUR UN AMORTISSEMENT VIBRO-ACOUSTIQUE ET VITRAGE COMPRENANT UN TEL INTERCALAIRE

Publication

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Application

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Abstract (en)

[origin: WO2018015702A1] The invention relates to a visco-elastic plastic spacer intended to be incorporated between two glass sheets of glazing to provide said glazing with vibro-acoustic damping properties, the spacer comprising: - two outer layers made of standard PVB, - a first and second inner layer made of visco-elastic plastic based on polyvinyl acetal and plasticiser, with enhanced acoustic properties, - a central layer made of standard PVB, the first and second inner layers being arranged between the central layer and the first and second outer layers, respectively. By means of the invention it is possible to provide a visco-elastic plastic spacer intended to be incorporated between two glass sheets to form laminated glazing having vibro-acoustic damping properties, enabling an enhancement of the acoustic insulation properties, particularly in a frequency range between 1000 Hz and 5000 Hz, where the human ear is most sensitive.

IPC 8 full level

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Citation (search report)

See references of WO 2018015702A1

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