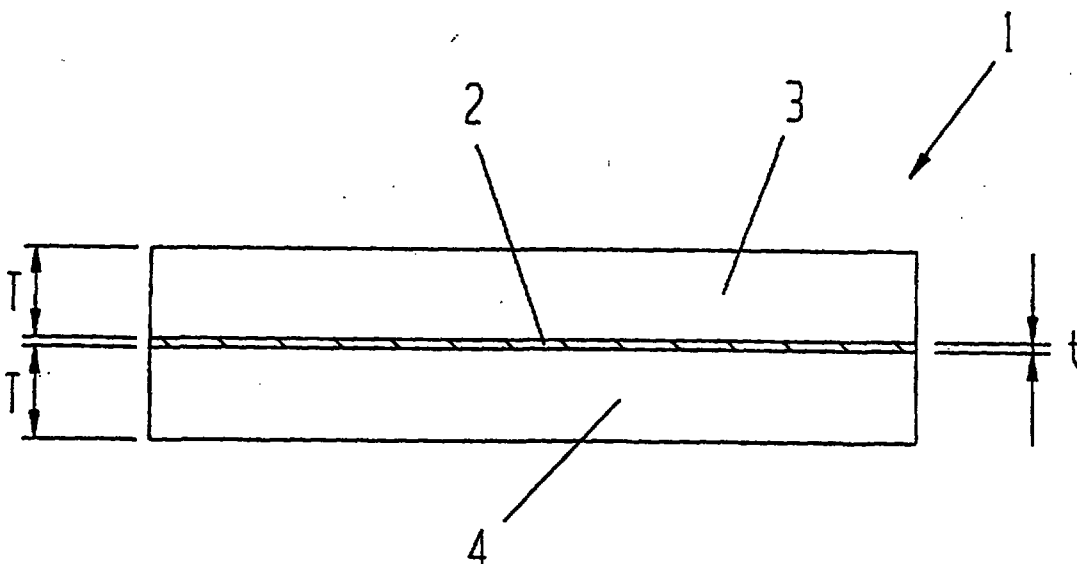




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(54) Title: ARRANGEMENT FOR DAMPING SOUND AND A METHOD FOR MANUFACTURING THE ARRANGEMENT



(57) Abstract

The present invention relates to an arrangement (1) for achieving a sound-damping absorbent effect in structures containing car stereo loudspeakers. A visco-elastic polymer (2) exhibiting an adhesive function is applied by spraying, brushing, rolling or spreading between two sheet-formed elements (3, 4) to form a composite sheet which, through the absorbent effect of the visco-elastic polymer on the resulting sandwich structure when the damping layer is subjected to shear deformation during oscillation, brings about a reduction in unwanted vibrations, resonances and reverberations in the structure formed by the sheet. The invention also relates to a method for manufacturing the arrangement.