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Remarks:

Claim 18 is deemed to be abandoned due to
non-payment of the claims fees (Rule 45(3) EPC).

(54) **METHOD FOR MANUFACTURING A DAMPING DEVICE, FOR DAMPING VIBRATIONS AND/OR
ABSORBING SHOCKS**

(57) A method of manufacturing a damping device, for damping vibrations and/or absorbing shocks, and the corresponding device are disclosed, the method comprising the steps of:

S1) Implementing an Additive Manufacturing step to produce a monolithic structure comprising a first flexible element (1) and at least a second flexible element (2) extending parallel to the first flexible element (1), wherein at least the first flexible element (1) comprises through-going apertures (6),

S2) Providing a material, in the region between the first flexible element (1) and the at least second flexible element (2), which is able to change of physical and/or chemical state to turn into a viscoelastic material when it is submitted to a suitable predefined treatment, and
S3) Applying the suitable predefined treatment to the material to conform a dissipative layer (3) of viscoelastic material, extending between the first flexible element (1) and the at least second flexible element (2) and secured

to both of them, wherein the through-going apertures (6) are at least partially filled by said viscoelastic material.

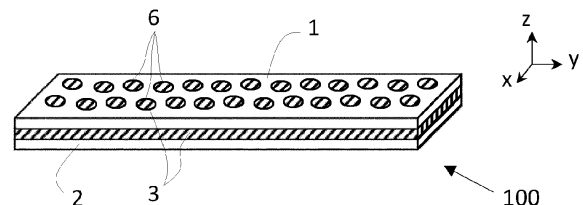


Fig. 1