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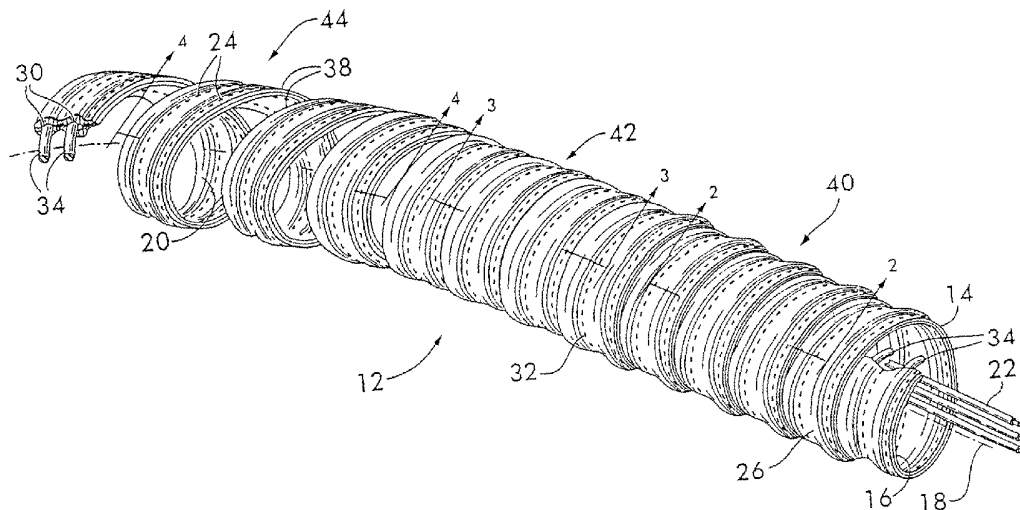
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(54) Title: DAMPING SLEEVE WITH RESILIENT SUPPORT MEMBERS



(57) **Abstract:** A damped sleeve (12) having a damping layer (14) attached to a backing layer (16) is disclosed. The damping layer (14) is formed from a non-woven energy absorbing felt and is attached to the backing layer (16) by lines of attachment (24) which define pockets (30) between the layers (14, 16). The layers (14, 16) are positioned coaxially around an axis and define a central space for receiving elongated items to be protected from vibration. Resilient filamentary support members (32) are arranged between the damping and backing layers (14, 16) to support the layers radially in spaced relation relative to the axis. The support members (32) may be helically wrapped around the axis, circumferentially positioned or arranged in a zig-zag pattern transversely to the axis. A slit (64) in the layers (14, 16) provides access to the central space.



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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,094,318 A (Maeda et al.) 10 March 1992, see the entire document.	1-29
Y	US 5,164,029 A (Oohashi et al.) 17 November 1992, see the entire document.	1-29
Y	US 5,858,521 A (Okuda et al.) 12 January 1999, see the entire document.	1-29
Y	US 6,004,492 A (Lewit et al.) 21 December 1999, see the entire document.	1-29
Y	US 6,132,882 A (Landin et al.) 17 October 2000, see the entire document.	1-29
Y	US 2002/0006523 A1 (Obeshaw) 17 January 2002, see the entire document.	1-29

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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