

12 **EUROPEAN PATENT APPLICATION**

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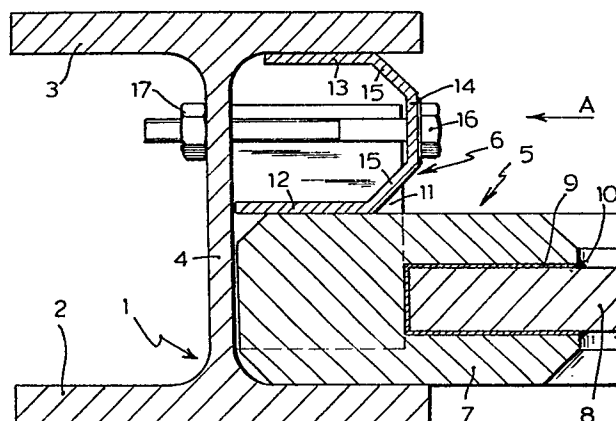
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54 **Sound damping wall.**

57 The panels (5) of a noise barrier consist of plywood (8) set in an azobéframe (7), and are secured to the H-section posts (1) by means, which, upon being loaded in a direction (A) parallel to the panel, spread or expand perpendicularly thereto. Said means can be metal U-section members inserted, legs (12, 13) first, between the panel (5) and the inner face of one of the H-section flanges (3), and adapted to clamp the panel (5) against the inner face of the opposite flange (2): the legs (12, 13) are joined to the base (14) by inclined portions (15) so as to be forced apart when tightening down bolts (16) passed through said base (14) and the web (4) of the post (1). The panel-securing means can also be rubber plugs expanded by bolts passed through the plugs and the posts.





European Patent
Office

EUROPEAN SEARCH REPORT

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EP 81 20 0522

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<p>POLYTECHNISCH TIJDSCHRIFT EDITIE BOUWKUNDE WEGEN- EN WATERBOUW, vol. 33, no. 2, February 1978 Stam B.V. THE HAGUE (NL) W.G. DE JAGER: "Verkeerslawaaai 12* maatregelen ter vermindering van geluidhinder" pages 104-115</p> <p>* page 110, right-hand column, lines 7-10, 14-16; page 111, left-hand column, lines 15-20, right-hand column, lines 20-24, 28-31; figures 23, 24, 25 (parts reflectierend scherm and absorbtiescherm); page 115, right-hand column, lines 3-6, 15-17; figure 32 (detail part) *</p>	1, 2	<p>E 04 B 1/82 E 01 F 8/00 E 04 B 1/40 2/78</p>
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			<p>E 01 F E 04 B F 16 B</p>
A	<p>HIGHWAYS AND ROAD CONSTRUCTION, vol. 41, no. 1761, May 1973 Embankment Press WEMBLEY (GB) J.B. HAUSKINS et al.: "Kinematic motorway sound screen" page 40</p> <p>* lines 26-34 *</p>	1	CATEGORY OF CITED DOCUMENTS
A	<p>RAILWAY GAZETTE INTERNATIONAL, vol. 130, no. 9, September 1974 I.P.C. Transport Press LONDON (GB) R.J. MURRAY: "Suppressing noise and vibration in the subway" pages 337-341</p> <p>* page 338, figure 1 *</p>	1	<p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons</p>
<p>The present search report has been drawn up for all claims</p>			&: member of the same patent family, corresponding document
Place of search		Date of completion of the search	Examiner
The Hague		26-02-1982	SCHUMAN



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>DE - A - 2 419 154</u> (KARL SCHLUTER KG.) * page 5, lines 16,17, 21-24; page 6, lines 1-4, 9-13; figure 1 * --	1	
A	<u>CH - A - 607 567</u> (GEBR. GYSI AG.) * page 2, left-hand column, lines 2-22, 37-40; right-hand column, lines 3-29, 33-39, 48,49; single figure * --	1-3	
A	<u>US - A - 4 143 495</u> (HINTZ) * column 2, lines 9-11, 28-30, 38-41; column 4, lines 51-53, 55,56; figures 1,4 * --	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.)
A	<u>AT - A - 340 988</u> (VEREINIGTE METALLWERKE RANSHOFEN-BERNDORF) * page 2, lines 1,2, 6-8,15,16, 25-28, 31-33, 35-41; figures 2,3 * --	1,3	
A	<u>FR - A - 2 152 072</u> (OASE-PUMPEN AUGUST WUBKER & SOHNE MASCHINEN-FABRIK) * page 2, lines 26-31, 36-40; page 3, lines 1,2; page 6, lines 3-17; figure 4 * -- ./.	1,3	



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>DE - B - 1 784 953</u> (GARTER & CO.) * column 1, lines 50-52; column 2, lines 7-20; figure 2 * --	3	
P,A	<u>US - A - 4 214 411</u> (PICKETT) * column 2, lines 59-68; column 3, lines 1-7, 28-36, 41-44, 48-50; figures 1-3a * --	1,3	
P,A	<u>US - A - 4 235 054</u> (CABLE et al) * column 8, lines 16-20, 34-36, 48-61; figures 15,17 * --	1	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
P,A	<u>FR - A - 2 451 967</u> (CAMPAGNOLO) * page 3, lines 38,39; page 4, lines 1-4, 14-16, 24-29; figures 8,9 * --	1	
D,A	<u>NL - A - 75 00 811</u> (GAVELS ARKITEKTKONTOR)		
L,A	& <u>GB - A - 1 487 437</u> (GAVELS ARKITEKTKONTOR) -----		