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(54) **Table tennis bat provided with a frame having a differentiated structure, particularly for sporting games and competitions**

(57) Table tennis bat constituted by a frame comprising a handle and a blade having a differentiated structure such as to impart the table tennis bat pre-fixed characteristics of reaction and bounce following the impact of the ball, particularly suitable for sporting games and competitions.

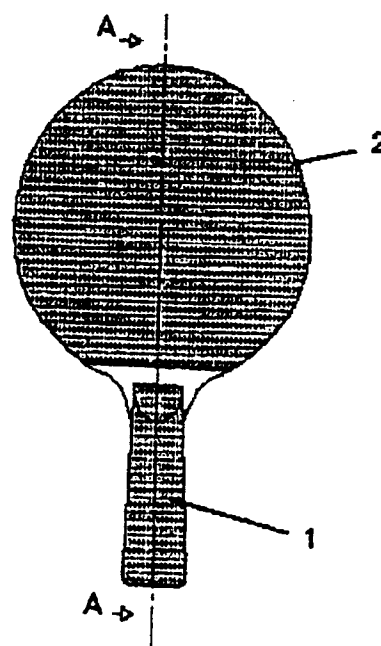


Fig.1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 11 4289

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DE-C-515 748 (FRANZ KREBS)	1-3	A63B59/04
Y	* the whole document *	4-6	

X	DE-A-38 26 986 (DEQUET)	1	
Y	* column 2, line 56 - column 4, line 15; figures 1-3 *	4-6	

X	DE-A-26 32 820 (NIPPON TAKKYU)	1,2,4-6	A63B
	* the whole document *		

X	US-A-4 324 400 (TSE)	1	
A	* column 2, line 51 - column 3, line 67; figures 1,2 *	4-6	

X	WO-A-85 05281 (STROH)	1	A63B
A	* page 6, last paragraph - page 8, last paragraph; figures 1,2 *	2-4,6	

The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		18 December 1995	Williams, M
<p>CATEGORY OF CITED DOCUMENTS</p> <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</p> <p>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>..... & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

See sheet -B-

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respects of which search fees have been paid, namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,

namely claims: 1, 2-6



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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1,2-6 : Table tennis bat with multilayer blade.
2. Claims 1,7-16 : Table tennis bat blade with edge heavier and stiffer than central part.
3. Claims 1,17-22 : Table tennis bat with relatively low frame stiffness in the blade plane and relatively high stiffness in the plane perpendicular to the blade plane.
4. Claims 1,23-31 : Vibration amplifying and transmitting elements.