

12

EUROPEAN PATENT APPLICATION

21 Application number: 86304417.8

51 Int. Cl.³: **B 07 B 1/46**

22 Date of filing: 10.06.86

30 Priority: 11.06.85 GB 8514781
11.06.85 GB 8514782

43 Date of publication of application:
30.12.86 Bulletin 86/52

88 Date of deferred publication of search report: 10.08.88

84 Designated Contracting States:
BE CH DE FR IT LI NL

71 Applicant: **Qualastic Products Limited**
11-13 Thorne Road
Doncaster, DN5 0QY(GB)

72 Inventor: **Spiller, Clifford Michael**
The Smithy Burghwallis
Doncaster Yorkshire, DN6 6JN(GB)

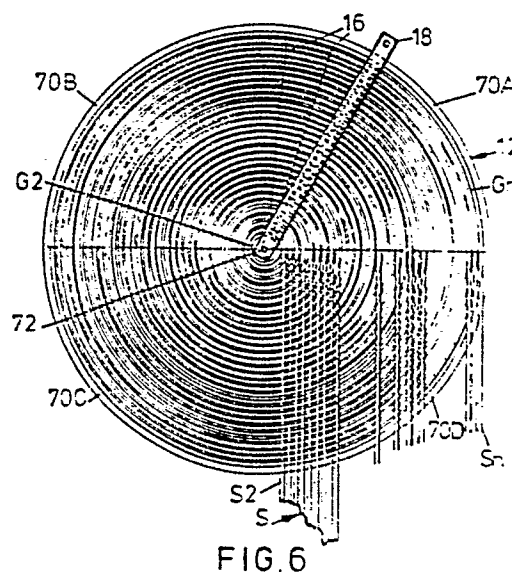
74 Representative: **Cardwell, Stuart Martin et al,**
Roystons Tower Building Water Street
Liverpool, Merseyside L3 1BA(GB)

54 **Screens, a method of making screens and apparatus for making screens.**

57 The present invention provides a new and advantageous screen structure which is capable of more applications than known screen structures.

The screen structure proposed comprises curved rod or wires or other elongage (filamentary) material for which screen spacings are at progressively increasing radial distance from an axis up to a boundary rod or wire, also curved about said axis. Not only can the proposed structure be used flat, but it can also be formed into three dimensional screens including conical and helical structures.

One method of making such a screen for example comprises using a grooved table (70) and feeding a plurality of wires (5) into the grooves and means serving to impart requisite relative movement between such table and such rod or wire. Means (18) is provided for securing radial supports (16) to the screen elements made on the table, conveniently by welding.



0206629



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 86 30 4417

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.4)
X	US-A-2 271 662 (G.A.RUBISSON) * Page 1, left-hand column, lines 1-18; page 2, left-hand column, lines 20-24; page 4, left-hand column, lines 30-35; page 4, right-hand column, line 69 - page 5, left-hand column, line 5; figures 14,15 *	1-4	B 07 B 1/46
Y	DE-A-2 633 372 (BEKAERT N.V.) * Page 8, line 23 - page 9, line 3; figures 4,5 *	2	
X	US-A-2 226 961 (G.A.ARNOLD) * Page 1, left-hand column, line 1 - right-hand column, line 19; page 2, left-hand column, line 26 - right-hand column, line 20; figures 1-6 *	1,3,4,9	
X	FR-A-2 190 500 (R.WOLF AG) * Page 8, lines 1-17; figures 2-5 *	1,6	
A	FR-A- 930 236 (L.FERRAZZINI) * Page 1, line 52 - page 2, line 45; figures 1-7 *	1,3,4,9 10,15	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	DE-A-2 142 047 (A.DOTT) * Page 2, line 22 - page 3, line 14; figure 1 *	15 -	B 07 B B 01 D B 21 F
A	DE-A-2 220 656 (CHEMIE BRITA GERÄTE)		
A	DE-A-2 855 538 (R.WOLF AG)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25-04-1988	Examiner LAVAL J.C.A
CATEGORY OF CITED DOCUMENTS		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 & : member of the same patent family, corresponding document	
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			