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54 **Apparatus for making rotary-brush bristle assemblies.**

57 The present invention relates to an apparatus for making rotary-brush bristle assemblies, which comprises, downstream of the bristle yarn extruding assembly (1), a drawing and guiding assembly (2), adapted to supply a given number of yarns (5) to a yarn associating assembly (10), provided for as-

sociating the bristle yarns (5) by means of a thread (13) which is wrapped thereon so as to form a bristle yarn bundle holding a given number of yarns (5). Downstream of the yarn bundling assembly there being provided a reeling frame (20) for forming a yarn hank.

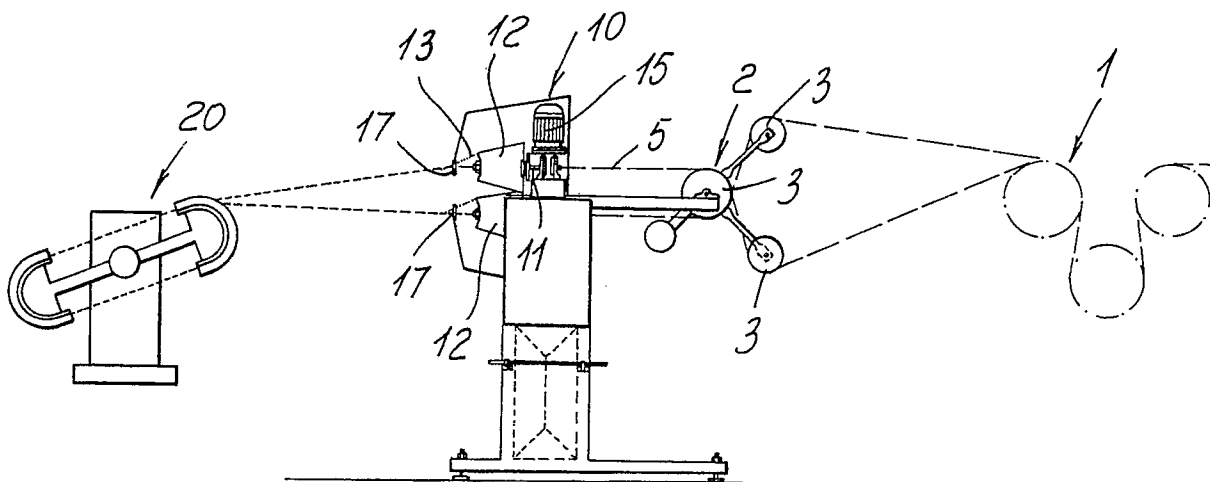


FIG. 1

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| 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.5) |
| Y | EP-A-0 086 412 (PEDEX) * Abstract; figure 1; page 2, lines 1-9; page 5, lines 5-14 * | 1-5 | A 46 D 1/08 |
| A | --- | 6 | |
| Y | FR-A-1 490 582 (CREMIEU) * Figure 2 * | 1-5 | |
| Y | DE-C-3 643 202 (CORONET) * Column 2, lines 62-66 * | 1 | |
| A | DE-C-3 718 811 (CORONET) * Figure 6; column 16, lines 47-61 * | 1,6 | |
| A | DE-A-2 849 510 (ZAHORANSKY) * Figure 2; page 21, lines 16-32 * | 1,6 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.5) |
| | | | A 46 D H 01 B |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 01-07-1991 | Examiner LOKERE H. P. |
| CATEGORY OF CITED DOCUMENTS 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 & : member of the same patent family, corresponding document | | | |