

**CPC****COOPERATIVE PATENT CLASSIFICATION****A46D****MANUFACTURE OF BRUSHES****A46D 1/00**

**Bristles; Selection of materials for bristles** ([making artificial bristles D01D, D01F](#))

- A46D 1/003 . {Testing of brushes}
- A46D 1/006 . {Antimicrobial, disinfectant bristles, handle, bristle-carrier or packaging}
- A46D 1/02 . {Bristles details}
  - A46D 1/0207 .. {Bristles characterised by the choice of material e.g. metal}
  - A46D 1/0215 .. {Bristles characterised by the material being biodegradable}
  - A46D 1/0223 .. {Bristles characterised by being electrostatically charged}
  - A46D 1/023 .. {Bristles with at least a core and at least a partial sheath}
  - A46D 1/0238 .. {Bristles with non-round cross-section}
  - A46D 1/0246 .. {Hollow bristles}
  - A46D 1/0253 .. {Bristles having a shape which is not a straight line e.g. curved, "S", hook, loop}
  - A46D 1/0261 .. {Roughness structure on the bristle surface}
  - A46D 1/0269 .. {Monofilament bristles}
  - A46D 1/0276 .. {Bristles having pointed ends}
  - A46D 1/0284 .. {Bristles having rounded ends}
  - A46D 1/0292 .. {Bristles having split ends}
- A46D 1/04 . Preparing bristles
  - A46D 1/045 .. Cleaning, e.g. washing, drying
  - A46D 1/05 .. Splitting; Pointing
  - A46D 1/055 .. Combing; Mixing; Sorting
  - A46D 1/06 .. Machines or apparatus for cutting bristles
- A46D 1/08 . Preparing uniform tufts of bristles
- A46D 1/10 . Vibrating devices for arranging bristles

**A46D 3/00**

**Preparing, {i.e. Manufacturing} brush bodies**

- A46D 3/005 . {by moulding or casting a body around bristles or tufts of bristles}
- A46D 3/02 . Machines for drilling bodies
- A46D 3/04 . Machines for inserting or fixing bristles in bodies
  - A46D 3/042 .. {for fixing bristles using an anchor or staple}
  - A46D 3/045 .. {for fixing bristles by fusing or gluing to a body}
  - A46D 3/047 .. {for clamping or gluing bristles into rings, e.g. paint brushes, brooms}
- A46D 3/05 .. for fixing the bristles between wires, tapes, or the like
- A46D 3/06 . Machines for both drilling bodies and inserting bristles
  - A46D 3/062 .. {of the carousel or drum type ([A46D 3/067](#) takes precedence)}
  - A46D 3/065 .. {of the belt or chain type ([A46D 3/067](#) takes precedence)}
  - A46D 3/067 .. {featuring simultaneous pivoting of bodies for drilling and filling}

A46D 3/08	. Parts of brush-making machines
A46D 3/082	. . {Magazines for bristles; Feeding bristles to magazines; Knot picking}
A46D 3/085	. . {Magazines for brush bodies; Feeding bodies}
A46D 3/087	. . {Holders or supports for brush bodies}
<b>A46D 5/00</b>	<b>Devices for preparing quills for use as carriers for bristles</b>
<b>A46D 7/00</b>	<b>Pressing devices for making brooms composed of brushwood or the like</b>
<b>A46D 9/00</b>	<b>Machines for finishing brushes {(A46D 1/00 and A46D 3/00 take precedence)}</b>
A46D 9/02	. Cutting; Trimming
A46D 9/025	. . {Deflecting parts of the bristle field in order to trim the rest}
A46D 9/04	. Cleaning
A46D 9/06	. Impregnating
<b>A46D 99/00</b>	<b>Subject matter not provided for in other groups of this subclass</b>