

# CPC COOPERATIVE PATENT CLASSIFICATION

## D TEXTILES; PAPER

### TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

#### D05 SEWING; EMBROIDERING; TUFTING

#### D05C EMBROIDERING; TUFTING (making non-woven fabrics [D04H](#); sewing [D05B](#))

<b>1/00</b>	<b>Apparatus, devices, or tools for hand embroidering</b>	9/22	<ul style="list-style-type: none"> <li>Adjusting or registering devices for the base fabric, e.g. for alignment with respect to the needles</li> </ul>
1/02	<ul style="list-style-type: none"> <li>Work frames</li> </ul>		
1/04	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>circular</li> </ul> </li> </ul>		
1/06	<ul style="list-style-type: none"> <li>Needles specially adapted for hand embroidering (<a href="#">sewing needles D05B 85/00</a>); Holders for needles or threads</li> </ul>	<b>11/00</b>	<b>Devices for guiding, feeding, handling, or treating the threads in embroidering machines; Machine needles; Operating or control mechanisms therefor</b>
1/065	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{<a href="#">Holders for needles or threads</a>}</li> </ul> </li> </ul>	11/02	<ul style="list-style-type: none"> <li>Machine needles</li> </ul>
1/08	<ul style="list-style-type: none"> <li>Patterns for hand embroidering; Manufacture thereof</li> </ul>	11/04	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Arrangements for fastening or inserting in bars or carriers</li> </ul> </li> </ul>
<b>Embroidering machines</b> ({ <a href="#">embroidering attachments for sewing machines D05B 3/243</a> }; <a href="#">programme-controlled sewing machines with embroidering capability D05B 19/00, D05B 21/00</a> )		11/06	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Needle-driving or control mechanisms</li> </ul> </li> </ul>
		11/08	<ul style="list-style-type: none"> <li>Thread-tensioning arrangements ({<a href="#">inside the shuttle D05C 11/18</a>})</li> </ul>
		11/10	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Guides, e.g. resilient</li> </ul> </li> </ul>
		11/12	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Rollers</li> </ul> </li> </ul>
		11/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Stop motions responsive to thread tension or breakage</li> </ul> </li> </ul>
<b>3/00</b>	<b>General types of embroidering machines</b>	11/16	<ul style="list-style-type: none"> <li>Arrangements for repeating thread patterns or for changing threads</li> </ul>
3/02	<ul style="list-style-type: none"> <li>with vertical needles</li> </ul>	11/18	<ul style="list-style-type: none"> <li>Shuttles({; <a href="#">Shuttle holders</a>; <a href="#">Shuttle driving arrangements</a>})</li> </ul>
3/04	<ul style="list-style-type: none"> <li>with horizontal needles</li> </ul>	11/20	<ul style="list-style-type: none"> <li>Arrangements for cutting the needle or lower threads</li> </ul>
<b>5/00</b>	<b>Embroidering machines with arrangements for automatic control of a series of individual steps</b>	11/22	<ul style="list-style-type: none"> <li>Arrangements for cutting-out broken threads</li> </ul>
5/02	<ul style="list-style-type: none"> <li>by electrical or magnetic control devices</li> </ul>	11/24	<ul style="list-style-type: none"> <li>incorporating devices for dyeing or impregnating the threads</li> </ul>
5/04	<ul style="list-style-type: none"> <li>by input of recorded information, e.g. on perforated tape</li> </ul>		
5/06	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with means for recording the information</li> </ul> </li> </ul>		
<b>7/00</b>	<b>Special-purpose or automatic embroidering machines</b>	<b>13/00</b>	<b>Auxiliary devices incorporated in embroidering machines, not otherwise provided for; Ancillary apparatus for use with embroidering machines</b>
7/02	<ul style="list-style-type: none"> <li>with accessories for peculiar kinds of embroidery</li> </ul>	13/02	<ul style="list-style-type: none"> <li>Counting, measuring, indicating, warning, or safety devices</li> </ul>
7/04	<ul style="list-style-type: none"> <li>for boring or jogging</li> </ul>	13/04	<ul style="list-style-type: none"> <li>Lubricating devices</li> </ul>
7/06	<ul style="list-style-type: none"> <li>for embroidering festoons</li> </ul>	13/06	<ul style="list-style-type: none"> <li>Apparatus for filling or threading shuttles</li> </ul>
7/08	<ul style="list-style-type: none"> <li>for attaching cords, tapes, bands, or the like</li> </ul>		
7/10	<ul style="list-style-type: none"> <li>for separating and burning-off parts of the base fabric (<a href="#">making patterns or designs on fabrics by singeing or etching D06C 23/02</a>)</li> </ul>	<b>15/00</b>	<b>Making pile fabrics or articles having similar surface features by inserting loops into a base material</b> ( <a href="#">layered products B32B</a> ; <a href="#">non-woven pile fabrics D04H 11/00</a> )
7/12	<ul style="list-style-type: none"> <li>for making cotton buttons</li> </ul>	15/02	<ul style="list-style-type: none"> <li>Rooting of hair in doll heads or wigs (<a href="#">wigs A41G 3/00</a>; <a href="#">hair or wigs for doll heads A63H 3/44</a>)</li> </ul>
<b>9/00</b>	<b>Appliances for holding or feeding the base fabric in embroidering machines</b>	15/04	<ul style="list-style-type: none"> <li>Tufting</li> </ul>
9/02	<ul style="list-style-type: none"> <li>in machines with vertical needles</li> </ul>	15/06	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Hand tufting needles (<a href="#">Hand-held tufting apparatus</a>)</li> </ul> </li> </ul>
9/04	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Work holders, e.g. frames</li> </ul> </li> </ul>	15/08	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Tufting machines ({<a href="#">D05C 15/06 takes precedence</a>})</li> </ul> </li> </ul>
9/06	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Feeding arrangements therefor, e.g. influenced by patterns, operated by pantographs</li> </ul> </li> </ul>	15/10	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>operating with a plurality of needles, e.g. in one row</li> </ul> </li> </ul>
9/08	<ul style="list-style-type: none"> <li>in machines with horizontal needles</li> </ul>	15/12	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>in more than one row</li> </ul> </li> </ul>
9/10	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Work holders or carriers</li> </ul> </li> </ul>	15/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Arrangements or devices for holding or feeding the base material (<a href="#">D05C 15/26 takes precedence</a>)</li> </ul> </li> </ul>
9/12	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Holding or stretching arrangements for the base fabric in embroidery work holders</li> </ul> </li> </ul>		
9/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Suspension or balancing arrangements therefor</li> </ul> </li> </ul>		
9/16	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Feeding arrangements therefor</li> </ul> </li> </ul>		
9/18	<ul style="list-style-type: none"> <li>Movement of the base fabric in one of the two directions controlled by embroidering needles</li> </ul>		
9/20	<ul style="list-style-type: none"> <li>Movement of the base fabric controlled by the presser feet; Driving arrangements therefor</li> </ul>		

- 15/145 . . . . {Needle plates}
- 15/16 . . . Arrangements or devices for manipulating threads ([D05C 15/26](#) takes precedence)
- 15/18 . . . . Thread feeding or tensioning arrangements
- 15/20 . . . . Arrangements or devices, e.g. needles, for inserting loops; Driving mechanisms therefor
- 15/22 . . . . Loop-catching arrangements, e.g. loopers; Driving mechanisms therefor
- 15/24 . . . . Loop cutters; Driving mechanisms therefor
- 15/26 . . . with provision for producing patterns
- 15/28 . . . . by moving the base material laterally
- 15/30 . . . . by moving the tufting tools laterally
- 15/32 . . . . by altering the loop length
- 15/34 . . . . by inserting loops of different nature or colour
- 15/36 . . . . by selective cutting of loops
- 15/38 . by passing thread material in zig-zag manner through spaced layers of base material and subsequently cutting along a central plane
- 17/00 Embroidered or tufted products; Base fabrics specially adapted for embroidered work; Inserts for producing surface irregularities in embroidered products ([layered products B32B](#); [non-woven pile fabrics D04H 11/00](#))**
- 17/02 . Tufted products
- 17/023 . . {characterised by the base fabric}
- 17/026 . . {characterised by the tufted pile surface}