

# CPC COOPERATIVE PATENT CLASSIFICATION

## D TEXTILES; PAPER

### TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

#### D02 YARNS; MECHANICAL FINISHING OF YARNS OR ROPES; WARPING OR BEAMING

(NOTE omitted)

#### D02H WARPING, BEAMING OR LEASING

##### NOTE

Attention is drawn to the note following the title of Class [D02](#).

**1/00** Creels, i.e. apparatus for supplying a multiplicity of individual threads

**3/00** Warping machines

3/02 . {Sectional warpers}

3/04 . {Sample warpers}

**5/00** Beaming machines

5/02 . combined with apparatus for sizing or other treatment of warps ([sizing per se D06B](#))

**7/00** Combined warping and beaming machines

**9/00** Leasing

9/02 . Lease rods or bands

**11/00** Methods or apparatus not provided for in the preceding groups, e.g. for cleaning the warp

**13/00** Details of machines of the preceding groups

13/02 . Stop motions

13/04 . . responsive to breakage, slackness, or excessive tension of threads, with detectors for individual threads or small groups of threads

13/06 . . . mechanical

13/08 . . . electrical

13/10 . . responsive to thread-measuring devices, e.g. stopping the machine when required length of warp has been wound

13/12 . Variable-speed driving mechanisms

13/14 . . controlled automatically by tension in the warp

13/16 . Reeds, combs, or other devices for determining the spacing of threads

13/18 . . with adjustable spacing

13/20 . . with fixed spacing

13/22 . Tensioning devices

13/24 . . for individual threads

13/26 . . for threads in warp form ([controlling the driving of beams, or the like, to keep tension constant D02H 13/14](#))

13/28 . Warp beams ([cloth beams D03D 49/20](#))

13/30 . . with flanges

13/32 . . . adjustable

13/34 . . sectional

13/36 . . Means for attaching warp to beam

13/38 . Storage racks for beams