

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](#).

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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|-------|--|-------|--------------------------------------|
| 1/00 | Creels, i.e. apparatus for supplying a multiplicity of individual threads | 13/34 | . . sectional |
| | | 13/36 | . . Means for attaching warp to beam |
| | | 13/38 | . Storage racks for beams |
| 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 | | |