

# CPC COOPERATIVE PATENT CLASSIFICATION

## D TEXTILES; PAPER

### PAPER

#### D21 PAPER-MAKING; PRODUCTION OF CELLULOSE

#### D21G CALENDERS; ACCESSORIES FOR PAPER-MAKING MACHINES ([winders or rewinders for finished products, means for adjustment of wrinkles or lateral extensions B65H](#))

##### 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.

- |             |   |             |   |
|-------------|---|-------------|---|
| <b>1/00</b> | <b>Calenders (if restricted to the treatment of particular materials <a href="#">see the relevant class, e.g. B29C 43/24, D06</a>); Smoothing apparatus</b> | 3/005       | . {Doctor knives}   |
| 1/0006      | . {Driving arrangements}  | 3/02        | . for calenders   |
| 1/0013      | . . {for controlled deflection rolls}   | 3/04        | . for drying cylinders  |
| 1/002       | . {Opening or closing mechanisms; Regulating the pressure}  | <b>5/00</b> | <b>Safety devices</b>   |
| 1/0026      | . . {Arrangements for maintaining uniform nip conditions}   | 5/005       | . {for calenders}   |
| 1/0033      | . . . {by offsetting the roll axes horizontally}  | <b>7/00</b> | <b>Damping devices</b>  |
| 1/004       | . . {Regulating the pressure}   | <b>9/00</b> | <b>Other accessories for paper-making machines</b>                  |
| 1/0046      | . . . {depending on the measured properties of the calendered web}  | 9/0009      | . {Paper-making control systems}                                    |
| 1/0053      | . . . {using magnetic forces}   | 9/0018      | . . {controlling the stock preparation}                             |
| 1/006       | . {with extended nips}  | 9/0027      | . . {controlling the forming section}                               |
| 1/0066      | . {using a special calendering belt}  | 9/0036      | . . {controlling the press or drying section}                       |
| 1/0073      | . {Accessories for calenders}   | 9/0045      | . . {controlling the calendering or finishing}                      |
| 1/008       | . . {Vibration-preventing or -eliminating devices}  | 9/0054      | . . {details of algorithms or programs}                             |
| 1/0086      | . . {Web feeding or guiding devices}  | 9/0063      | . {Devices for threading a web tail through a paper-making machine} |
| 1/0093      | . . {Web conditioning devices}  | 9/0072      | . . {using at least one rope}                                       |
| 1/02        | . Rolls; Their bearings ( <a href="#">in general F16C 13/00</a> )   | 9/0081      | . {Apparatus for removing samples from travelling web material}     |
| 1/0206      | . . {Controlled deflection rolls}   | 9/009       | . {Apparatus for glaze-coating paper webs}                          |
| 1/0213      | . . . {with deflection compensation means acting between the roller shell and its supporting member}  |             |   |
| 1/022       | . . . . {the means using fluid pressure}  |             |   |
| 1/0226      | . . {Bearings}  |             |   |
| 1/0233      | . . {Soft rolls}  |             |   |
| 1/024       | . . . {formed from a plurality of compacted disc elements or from a spirally-wound band}  |             |   |
| 1/0246      | . . {Hard rolls}  |             |   |
| 1/0253      | . . {Heating or cooling the rolls; Regulating the temperature}  |             |   |
| 1/026       | . . . {using the hydraulic fluid in controlled deflection rolls}  |             |   |
| 1/0266      | . . . {using a heat-transfer fluid ( <a href="#">D21G 1/026 takes precedence</a> )}   |             |   |
| 1/0273      | . . . . {on the exterior surface of the rolls}  |             |   |
| 1/028       | . . . {using electrical means}  |             |   |
| 1/0286      | . . . {Regulating the axial or circumferential temperature profile of the roll}   |             |   |
| 1/0293      | . . {Provisions or constructions to facilitate the removal of the rolls}  |             |   |
| <b>3/00</b> | <b>Doctors</b>  |             |   |