

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.

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| 1/00 | Calenders (if restricted to the treatment of particular materials see the relevant class, e.g. B29C 43/24, D06); Smoothing apparatus | 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} | 5/00 | Safety devices |
| 1/0026 | . . {Arrangements for maintaining uniform nip conditions} | 5/005 | . {for calenders} |
| 1/0033 | . . . {by offsetting the roll axes horizontally} | 7/00 | Damping devices |
| 1/004 | . . {Regulating the pressure} | 9/00 | Other accessories for paper-making machines |
| 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 (in general F16C 13/00) | 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 (D21G 1/026 takes precedence)} | | |
| 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} | | |
| 3/00 | Doctors | | |