

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](#))

1/00	Calanders (if restricted to the treatment of particular materials see the relevant class, e.g. B29C 43/24, D06); Smoother apparatus	5/00	Safety devices
1/0006	. {Driving arrangements}	5/005	. {for calenders}
1/0013	. . {for controlled deflection rolls}	7/00	Damping devices
1/002	. {Opening or closing mechanisms; Regulating the pressure}	9/00	Other accessories for paper-making machines
1/0026	. . {Arrangements for maintaining uniform nip conditions}	9/0009	. {Paper-making control systems}
1/0033	. . . {by offsetting the roll axes horizontally}	9/0018	. . {controlling the stock preparation}
1/004	. . {Regulating the pressure}	9/0027	. . {controlling the forming section}
1/0046	. . . {depending on the measured properties of the calendered web}	9/0036	. . {controlling the press or drying section}
1/0053	. . . {using magnetic forces}	9/0045	. . {controlling the calendering or finishing}
1/006	. {with extended nips}	9/0054	. . {details of algorithms or programs}
1/0066	. {using a special calendering belt}	9/0063	. {Devices for threading a web tail through a paper-making machine}
1/0073	. {Accessories for calenders}	9/0072	. . {using at least one rope}
1/008	. . {Vibration-preventing or -eliminating devices}	9/0081	. {Apparatus for removing samples from travelling web material}
1/0086	. . {Web feeding or guiding devices}	9/009	. {Apparatus for glaze-coating paper webs}
1/0093	. . {Web conditioning devices}		
1/02	. Rolls; Their bearings (in general F16C 13/00)		
1/0206	. . {Controlled deflection rolls}		
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		
3/005	. {Doctor knives}		
3/02	. for calenders		
3/04	. for drying cylinders		