

ECLA**EUROPEAN CLASSIFICATION****D21G****CALENDERS; ACCESSORIES FOR PAPER-MAKING MACHINES**

(winders or rewinders for finished products, means for adjustment of wrinkles or lateral extensions [B65H](#))

D21G1/00

Calenders (if restricted to the treatment of particular materials see the relevant class, e.g. [B29C43/24](#), [D06](#)); **Smoothing apparatus**

- D21G1/00B . [N: Driving arrangements]
- D21G1/00B2 . . [N: for controlled deflection rolls]
- D21G1/00C . [N: Opening or closing mechanisms; Regulating the pressure]
- D21G1/00C2 . . [N: Arrangements for maintaining uniform nip conditions]
- D21G1/00C2B . . . [N: by offsetting the roll axes horizontally]
- D21G1/00C4 . . [N: Regulating the pressure]
- D21G1/00C4B . . . [N: depending on the measured properties of the calendered web]
- D21G1/00C4D . . . [N: using magnetic forces]
- D21G1/00E . [N: with extended nips] [N0608]
- D21G1/00G . [N: using a special calendering belt] [N0608]
- D21G1/00R . [N: Accessories for calenders]
- D21G1/00R4 . . [N: Vibration-preventing or -eliminating devices]
- D21G1/00R6 . . [N: Web feeding or guiding devices]
- D21G1/00R8 . . [N: Web conditioning devices]
- D21G1/02 . Rolls; Their bearings (in general [F16C13/00](#))
- D21G1/02B . . [N: Controlled deflection rolls]
- D21G1/02B2 . . . [N: with deflection compensation means acting between the roller shell and its supporting member]
- D21G1/02B2B [N: the means using fluid pressure]
- D21G1/02C . . [N: Bearings]
- D21G1/02D . . [N: Soft rolls]
- D21G1/02D2 . . . [N: formed from a plurality of compacted disc elements or from a spirally-wound band]
- D21G1/02F . . [N: Hard rolls]
- D21G1/02H . . [N: Heating or cooling the rolls; Regulating the temperature]
- D21G1/02H2 . . . [N: using the hydraulic fluid in controlled deflection rolls]
- D21G1/02H4 . . . [N: using a heat-transfer fluid ([D21G1/02H2](#) takes precedence)]
- D21G1/02H4B [N: on the exterior surface of the rolls]
- D21G1/02H6 . . . [N: using electrical means]
- D21G1/02H10 . . . [N: Regulating the axial or circumferential temperature profile of the roll]

D21G1/02K . . [N: Provisions or constructions to facilitate the removal of the rolls]

D21G3/00 Doctors

D21G3/00B . [N: Doctor knives]

D21G3/02 . for calenders

D21G3/04 . for drying cylinders

D21G5/00 Safety devices

D21G5/00B . [N: for calenders]

D21G7/00 Damping devices

D21G9/00 Other accessories for paper-making machines

D21G9/00B . [N: Paper-making control systems]

D21G9/00B2 . . [N: controlling the stock preparation] [N1106]

D21G9/00B4 . . [N: controlling the forming section] [N1106]

D21G9/00B6 . . [N: controlling the press or drying section] [N1106]

D21G9/00B8 . . [N: controlling the calendering or finishing] [N1106]

D21G9/00B10 . . [N: details of algorithms or programs] [N1106]

D21G9/00C . [N: Devices for threading a web tail through a paper-making machine]

D21G9/00C2 . . [N: using at least one rope] [N1106]

D21G9/00D . [N: Apparatus for removing samples from travelling web material]

D21G9/00E . [N: Apparatus for glaze-coating paper webs]