

**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]