

Title (en)  
Device for roll height adjustment.

Title (de)  
Vorrichtung zur Höhenverstellung von Walzen.

Title (fr)  
Dispositif pour l'ajustage des rouleaux en hauteur.

Publication  
**EP 0498045 B1 19950510 (DE)**

Application  
**EP 91119201 A 19911112**

Priority  
DE 4103620 A 19910207

Abstract (en)  
[origin: CA2060752A1] : In a calender or roll frame apparatus is provided for the vertical adjustment of the rolls which are journaled in bearing housings (2) and also vertically displaceably connected with the roll frame (5) via sliding supports (3) and guides (4). The connection between each sliding support and the roll frame (5) takes place via a threaded spindle (7) with a nut (8) without self-locking and also via a housing (9). The nut (8) has at its inner surface (10) a toothed arrangement (11) and the housing (5) has a further toothed arrangement (13) at its inner surface confronting the toothed end face of the nut. The nut (8) and the housing (9) can be moved relative to one another by a switching piece (14) which determines whether the toothed arrangements are meshed or disengaged. In the disengaged state the rolls can move downwards under their own weight. For the vertical adjustment of the rolls (1) a respective stroke element (6) is associated with the bearing housings (2) of the lowermost roll (1) or with the threaded spindles (7). The arrangement permits the roll spacings to be simply and rapidly increased and also restored again after exchanging one roll for a roll (1) of different diameter. (Fig. 1)

IPC 1-7  
**D21G 1/00**

IPC 8 full level  
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CPC (source: EP US)  
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