

Title (en)
Device and procedure for adjusting the diameter profile of a calender roller

Title (de)
Vorrichtung und Verfahren zur Einstellung des Durchmesserprofils einer Kalanderrolle

Title (fr)
Dispositif et procédé pour ajuster le profil du diamètre d'un rouleau de calandre

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Application
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Abstract (en)
[origin: EP1281810A2] The present invention concerns a device for adjusting the diameter profile of a roller (3) of a calender (1), comprising: means (9) for sensing the transverse thickness profile of a film (2) coming out of a calender (1) and for providing a signal corresponding to the thickness of the film (2); a pressurised air source (6); a number of nozzles (5), communicating with the pressurised air source (6), designed to direct the air towards the roller (3); means (7) for selectively adjusting the temperature of the air coming out of each nozzle (5); means (8) for selectively regulating the flow rate of the air coming out of each nozzle (5); means (10) for operating said means (7) and (8) for selectively adjusting the temperature and air flow rate of each nozzle according to the signal corresponding to the thickness of the film coming out of the calender. <IMAGE>

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