

Title (en)

Automatic setting system for a single-facer.

Title (de)

Automatisches Zustandseinstellungssystem für eine Vorrichtung zur Herstellung von Wellpappe mit einseitiger Deckbahn.

Title (fr)

Système automatique de régulation pour une machine pour la fabrication d'une onduleuse simple-face en carton.

Publication

EP 0536518 A1 19930414 (EN)

Application

EP 92114426 A 19920824

Priority

JP 29041691 A 19911011

Abstract (en)

An automatic setting system for a single-facer equipped in a corrugating machine is improved so that contact conditions between the various rolls can be automatically set in an ideal condition, thereby a productivity of corrugated cardboard sheets is enhanced, and manufacture of highly qualified corrugated cardboard sheets is made possible. In a single-facer of a corrugating machine provided with contact pressure adjusting devices R<5> - R<6> for variably adjusting engaging conditions between rolls in the pairs of an upper corrugating roll 5 and a lower corrugating roll 6, the lower corrugating roll 6 and a pressure roll 7 and the like, and gap space adjusting devices R<7> - R psi for variably adjusting engaging conditions between rolls in the pairs of the lower corrugating roll 6 and a pasting roll 8, the pasting roll 8 and a doctor roll 9, the lower corrugating roll 6 and the pressure roll 7 and the like, and thereby contact conditions between the respective rolls engaging with one another can be variably set; the above-mentioned respective adjusting devices R<5> - R psi are actuated so that the contact conditions between the respective rolls engaging with one another can be adjusted so as to have predetermined values which have been preliminarily input, either by selectively operating keyboards 1A, 1B of a condition setting operation panel 11 on the basis of a specification of raw paper sheets used for manufacture or by operating in response to data received directly from a production management apparatus or control apparatus C possessing data of kinds, widths, etc. of raw paper webs loaded in a corrugating machine. <IMAGE>

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CPC (source: EP)

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Citation (search report)

- [A] EP 0383414 A1 19900822 - MITSUBISHI HEAVY IND LTD [JP]
- [A] WO 8701987 A1 19870409 - SIEGER KG HCH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 119 (M - 945)<4062> 6 March 1990 (1990-03-06)

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