

Title (en)
A SHEET FEEDING APPARATUS

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Application
EP 89912795 A 19891103

Priority
US 26646588 A 19881103

Abstract (en)
[origin: WO9005103A1] A sheet feeding apparatus (10) capable of feeding corrugated cardboard sheet which comprises a support for sheet having a feed end (38) and a delivery end (42). The support further includes feed elements (19) comprising at least one feed element (21, 23, 25, 27) driven at a variable speed and at least one feed element (29, 31, 33) driven at a constant speed. The variable speed feed element transfers the sheet from the feed end to the constant speed feed element. The constant speed feed element transfers the sheet from the variable speed feed element to the delivery end. The variable speed feed element is driven by a variable speed generating mechanism (45) which generates a motion cycle including a constant speed output segment which is equal to the constant speed of the constant speed feed element.

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Citation (search report)

- [Y] EP 0183361 A2 19860604 - PRIME TECHNOLOGY INC [US]
- [Y] FR 2418186 A1 19790921 - MATSUO MASAHARU [JP]
- [A] US 4363478 A 19821214 - TSUKASAKI YASUHIRO
- See references of WO 9005103A1

Designated contracting state (EPC)
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