

Title (en)

Method of and apparatus for wrapping reams of paper or the like.

Title (de)

Verfahren und Vorrichtung zum Einwickeln von Papierbögen oder dergleichen.

Title (fr)

Procédé et appareil pour envelopper des feuilles de papier ou analogues.

Publication

EP 0275450 A2 19880727 (EN)

Application

EP 87118108 A 19841012

Priority

US 54308583 A 19831018

Abstract (en)

Reams of paper sheets are wrapped in sheets (S) of wrapping material (W) in a wrapping apparatus (100) which is electronically coupled to the sheeter (200) that produces the reams so as to automatically and continuously synchronise their operation. The position of the wrapping apparatus (100) relative to the position of the sheeter (200) is automatically adjusted to ensure synchronisation of the operation of the wrapping apparatus with that of the sheeter. The reams which are randomly received by the wrapping apparatus (100) from the sheeter (200) are monitored and selected reams are delayed (15) to obtain a desired spacing therebetween. The delayed reams are fed to the wrapping section (106) of the wrapping apparatus (100) during predetermined stages of successive cycles of the wrapping section and the drive (4) for the wrapping apparatus is coupled to the drives for the web positioning and wrapper sheet transfer means (26) for advancing the web (W) and the wrapper sheets (S) to the cutting (104) and draping (104) positions, respectively, at a gradually increasing, constant and gradually decreasing speed conforming to the cycle of the wrapping section.

IPC 1-7

B65B 25/14; **B65B 57/04**

IPC 8 full level

B65B 25/14 (2006.01); **B65B 57/04** (2006.01)

CPC (source: EP)

B65B 25/14 (2013.01); **B65B 57/04** (2013.01)

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0275450 A2 19880727; **EP 0275450 A3 19890125**; DE 3475392 D1 19890105; EP 0142699 A2 19850529; EP 0142699 A3 19860702; EP 0142699 B1 19881130

DOCDB simple family (application)

EP 87118108 A 19841012; DE 3475392 T 19841012; EP 84112299 A 19841012