

Title (en)

Method for changing orders in a slitter providing a continuous trim

Title (de)

Verfahren zur Formatänderung beim Längsschneiden mit ununterbrochenen Randstreifen

Title (fr)

Méthode pour la change de format dans la coupe longitudinal d'un matériel en feuille avec le bord ininterrompu

Publication

EP 1452283 A1 20040901 (EN)

Application

EP 04004446 A 20040226

Priority

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- JP 2004032305 A 20040209

Abstract (en)

One object of the present invention is to provide a method for cutting a corrugated card board sheet in which continuous trimmed pieces are formed over an order change period, thereby preventing meandering of the sheet without increasing manufacturing cost. <??>A method in accordance with the present invention is a method for cutting a continuous work sheet being fed along a feed line of a cutting machine using a slitter (2) which is disposed in the feed line and is moveable in upper and lower directions, wherein when the slitter is transferred from its previous cutting position to its new cutting position in response to an order change of the continuous work sheet, the continuous work sheet is cut in a manner that a trimmed piece forms a continuous strip, said method comprising: providing a trimming means (51) disposed along the feed line in a position spaced apart from said slitter, said trimming means being movable in upper and lower directions, and said trimming means including a slitter blade being pivotable around an axis disposed vertically relative to the surface of said continuous work sheet, moving said slitter from its previous cutting position to a position spaced apart from the surface of the continuous work sheet, while moving said trimming means toward the cutting position for the continuous work sheet, whereby said trimming means cuts the trimmed piece formed by said slitter in the previous cutting process, and moving said slitter toward the cutting position for the continuous work sheet, while moving said trimming means from the cutting position for the continuous work sheet to a position spaced apart from the surface of the continuous work sheet, whereby said slitter begins to cut the continuous work sheet, whereby the trimmed piece is formed by said trimming means in such a manner that the trimmed piece formed in the previous cutting process and the trimmed piece formed in the new cutting process are continuous. <IMAGE>

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Citation (search report)

- [A] EP 0795382 A2 19970917 - MITSUBISHI HEAVY IND LTD [JP]
- [AD] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09 31 July 1998 (1998-07-31)

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