

Title (en)
Slitting apparatus and method

Title (de)
Schlitzvorrichtung und Verfahren

Title (fr)
Procédé et appareil pour fendre

Publication
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Application
EP 14176480 A 20140710

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Abstract (en)
A slitting apparatus comprising: a sheet feeder; and a sheet slitting unit comprising: a top mandrel having multiple pressure wheels and multiple blades, and a bottom mandrel having a base roller, wherein said sheet feeder is configured to feed a sheet to between said multiple pressure wheels and said base roller, and wherein the slitting apparatus is characterized in that: (a) said multiple pressure wheels and said base roller are configured to secure the sheet while the sheet is being slit by said multiple blades, and (b) said multiple blades are positioned (i) at a rake angle of 15-45 degrees relative to the sheet, and (ii) such that they slit to a depth of 35-75% of the thickness of the sheet.

IPC 8 full level
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Citation (applicant)
US 7175731 B2 20070213 - HANSEN CHRISTIAN [SE], et al

Citation (search report)
[X] US 2013239770 A1 20130919 - GLUCK DAVID [IL]

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