

Title (en)  
Controlling of a folding blade

Title (de)  
Falzschwertsteuerung

Title (fr)  
Commande d'un couteau de pliage

Publication  
**EP 1211212 A3 20040107 (DE)**

Application  
**EP 01125348 A 20011029**

Priority  
DE 10059271 A 20001129

Abstract (en)  
[origin: EP1211212A2] The method for folding sheets (12) of material uses a blade folder. The speed of the sheets is determined before they reach the folder and the release point and required velocity profile for the blade (34) are calculated. The folder is then operated using these. The release point is calculated by calculating the time at which the sheet will arrive at the folder, by detecting the presence of the sheet at a distance D from it. Independent claims are included for: (a) a system for carrying out the method; (b) a folder unit containing the system; and (c) a folding machine containing the unit.

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**B65H 45/18**

IPC 8 full level  
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CPC (source: EP)  
**B65H 45/18** (2013.01); **B65H 2511/51** (2013.01); **B65H 2513/10** (2013.01); **B65H 2513/50** (2013.01)

Citation (search report)  
• [X] DE 19828625 A1 19990107 - PETRATTO GIORGIO [IT]  
• [A] EP 0870714 A1 19981014 - GRAPHIA HOLDING AG [CH]

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