

Title (en)
Phase-regulating system for paddle wheel devices of folding apparatuses

Title (de)
Phasenregelungssystem für die Schaufelradanordnung eines Falzapparates

Title (fr)
Système de régulation de phase pour les roues à aubes de plieuses

Publication
EP 0771753 B1 20011128 (DE)

Application
EP 96115359 A 19960925

Priority
US 55043095 A 19951030

Abstract (en)
[origin: EP0771753A1] The method includes the steps of detecting an edge of the product (14) to be folded, when it reaches a predetermined position relative to a first reference position, and determining the position of the blades (101,102,103) when they pass a second reference position. A desired blade phase angle is determined for a next blade entering the product recording area (110), and a first point in time is calculated, in which the folding product reaches the first reference position. The current blade phase angle of the next blade at the first point in time is calculated, and the rotational speed of the blade wheel arrangement (100) is adjusted based on the difference between the current blade phase angle and the desired phase angle.

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B65H 29/40

IPC 8 full level
B41F 13/64 (2006.01); **B65H 29/40** (2006.01)

CPC (source: EP US)
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C-Set (source: EP US)
1. **B65H 2511/20 + B65H 2220/01**
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