

Title (en)

Method for controlling an air knife and the vacuum for improving paper pick up in a vacuum paper feed system

Title (de)

Luftmesser- und Unterdruckluftsteuerungsverfahren zur Verbesserung der Papiererfassung für einen Unterdruckluftpapiervorschub

Title (fr)

Procédé de commande d'un couteau à air et de la dépression pour améliorer le prélèvement de papier dans un système d'alimentation à vide de papier

Publication

EP 1197451 B1 20100310 (DE)

Application

EP 01123359 A 20011010

Priority

US 68800000 A 20001014

Abstract (en)

[origin: EP1197451A2] The method for operating a suction belt feeder comprises forming the top sheet of a stack into waves using an air knife (40) at a point in the cycle when the belt is not moving. This vibrates the sheet to assist separation from the stack An Independent claim is included for a mechanism for use in the method.

IPC 8 full level

B65H 3/12 (2006.01); **B65H 3/48** (2006.01); **B65H 7/16** (2006.01)

CPC (source: EP US)

B65H 3/128 (2013.01 - EP US); **B65H 3/48** (2013.01 - EP US); **B65H 7/16** (2013.01 - EP US); **B65H 2515/34** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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