

Title (en)

Control for a pulsed air knife for a suction belt feed mechanism

Title (de)

Steuerung eines gepulsten Luftmessers für einen Saugbandvorschubmechanismus

Title (fr)

Commande d'un couteau à air pulsé pour un mécanisme d'alimentation au moyen d'une bande sous vide

Publication

EP 1197450 A3 20031126 (DE)

Application

EP 01123358 A 20011010

Priority

US 68800100 A 20001014

Abstract (en)

[origin: EP1197450A2] The method for operating a suction belt feeder comprises forming the top sheet of a stack into waves using an air knife (40). This is intermittently switched on and off while the sheet is transported on the belt (36). An Independent claim is included for a mechanism for use in the method.

IPC 1-7

B65H 3/12; **B65H 3/48**; **B65H 7/16**

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)

C-Set (source: EP US)

B65H 2515/34 + **B65H 2220/02**

Citation (search report)

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Designated contracting state (EPC)

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EP 1197450 A2 20020417; **EP 1197450 A3 20031126**; **EP 1197450 B1 20080723**; CA 2358639 A1 20020414; CA 2358639 C 20061219; DE 10149965 A1 20020926; DE 50114144 D1 20080904; JP 2002120951 A 20020423; JP 3892265 B2 20070314; US 7007944 B1 20060307

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EP 01123358 A 20011010; CA 2358639 A 20011011; DE 10149965 A 20011010; DE 50114144 T 20011010; JP 2001309474 A 20011005; US 68800100 A 20001014