Title (en)

Device for processing stacks of electrostatic rechargeable flat parts

Title (de)

Vorrichtung zur Verarbeitung von Stapeln aus elektrostatisch aufladbaren Flachteilen

Title (fr)

Dispositif de traitement de piles des pièces plates rechargeables électrostatiquement

Publication

EP 1516838 A3 20050601 (DE)

Application

EP 04022117 A 20040917

Priority

DE 10344192 A 20030922

Abstract (en)

[origin: EP1516838A2] The device for the processing of a multi-layered electrostatically chargeable material web (10) has a cutting device (2) for the cutting of the material web into corresponding sheets lying one above the other, an electrostatically charging device (30), and a first and a second feed unit (20) for the transporting of the material web. The electrostatic charging device is located adjacent to the cutting device in the region of the first or the second feed unit, and may be located between the cutting device and the first and second feed device.

IPC 1-7

B65H 35/00

IPC 8 full level

B65H 5/22 (2006.01); **B65H 5/00** (2006.01); **B65H 29/18** (2006.01); **B65H 29/24** (2006.01); **B65H 35/00** (2006.01); **B65H 35/04** (2006.01); **B65H 39/16** (2006.01)

CPC (source: EP KR US)

B65H 5/004 (2013.01 - EP US); **B65H 29/18** (2013.01 - EP US); **B65H 29/242** (2013.01 - EP US); **B65H 35/0006** (2013.01 - EP US); **B65H 35/04** (2013.01 - EP US); **B65H 39/16** (2013.01 - KR); B65H 2301/4212 (2013.01 - EP US); B65H 2301/44334 (2013.01 - EP US); B65H 2301/5132 (2013.01 - EP US); B65H 2301/5133 (2013.01 - EP US); B65H 2301/5322 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1516838 A2 20050323; **EP 1516838 A3 20050601**; **EP 1516838 A9 20050727**; **EP 1516838 B1 20080618**; AT E398595 T1 20080715; AT E420835 T1 20090115; AU 2004212613 A1 20050407; BR PI0404018 A 20050524; CA 2482167 A1 20050322; CN 1673057 A 20050928; CN 1673057 B 20101124; DE 10344192 A1 20050504; DE 10344192 B4 20090430; DE 502004007379 D1 20080731; DE 502004008868 D1 20090305; EP 1595836 A1 20051116; EP 1595836 B1 20090114; ES 2306945 T3 20081116; ES 2318386 T3 20090501; JP 2005096997 A 20050414; KR 100704459 B1 20070410; KR 20050029715 A 20050328; PT 1516838 E 20080926; PT 1595836 E 20090310; RU 2004128325 A 20060310; RU 2364566 C2 20090820; US 2005077171 A1 20050414; ZA 200407562 B 20050701

DOCDB simple family (application)

EP 04022117 A 20040917; AT 04022117 T 20040917; AT 05015721 T 20040917; AU 2004212613 A 20040921; BR PI0404018 A 20040922; CA 2482167 A 20040920; CN 200410103769 A 20040922; DE 10344192 A 20030922; DE 502004007379 T 20040917; DE 502004008868 T 20040917; EP 05015721 A 20040917; ES 04022117 T 20040917; ES 05015721 T 20040917; JP 2004272723 A 20040921; KR 20040075750 A 20040922; PT 04022117 T 20040917; PT 05015721 T 20040917; RU 2004128325 A 20040922; US 94661704 A 20040922; ZA 200407562 A 20040921