

Title (en)
Air jet arrangement for a folding pocket

Title (de)
Blasvorrichtung für eine Falztasche

Title (fr)
Dispositif de soufflage pour une poche de pliage

Publication
EP 1577244 A1 20050921 (DE)

Application
EP 05101033 A 20050211

Priority
DE 102004012692 A 20040316

Abstract (en)
The blowing device for a fold pocket (20) has at least one blast air nozzle installed in one side (4,7) of the fold pocket. The blast air nozzle is designed in such a way that an air flow created by it runs in the inlet direction of the fold pocket and generally parallel to the direction of movement of an entering material sheet (8). The blast air nozzle is in the form of a venturi nozzle. The blast air nozzle has a nozzle body with a blast air feed line through which blast air flows into nozzle chamber in order to emerge from a slotted outlet orifice. Independent claims are also included for the following: (A) a method for the supporting of material sheets entering a fold pocket by the provision of a blowing device; (B) a fold pocket equipped with a blowing device; and (C) a folding machine equipped with a blowing device for a fold pocket.

Abstract (de)
Die Erfindung betrifft eine Blasvorrichtung (10) für eine Falztasche (20) mit wenigstens einer Blasluftdüse (12, 14, 16, 18) wobei die wenigstens eine Blasluftdüse (12, 14, 16, 18) derart ausgestaltet ist, dass damit ein Luftstrom (31) erzeugbar ist, der im Wesentlichen in Einlaufrichtung der Falztasche (20) verläuft. Des weiteren betrifft die Erfindung ein Verfahren zur Unterstützung von einlaufenden Bogen (8) in einer Falztasche (20).
<IMAGE>

IPC 1-7
B65H 45/14

IPC 8 full level
B65H 45/14 (2006.01)

CPC (source: EP)
B65H 45/144 (2013.01); **B65H 2220/09** (2013.01); **B65H 2406/122** (2013.01)

Citation (search report)
• [XY] GB 512869 A 19390927 - LUDOLF COLDITZ
• [Y] DE 10157082 A1 20030528 - SCHWERDTER HANS [DE]
• [Y] DE 8906505 U1 19890803

Cited by
DE102015213336A1; DE102015213334A1; EP2517995A1; DE102011018859A1; EP3118147A1

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EP 1577244 A1 20050921; **EP 1577244 B1 20080430**; AT E393751 T1 20080515; DE 102004012692 A1 20051006;
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