

Title (en)
HIGH SPEED MACHINE FOR INSERTING SHEETS INTO ENVELOPES

Title (de)
HOCHGESCHWINDIGKEITSMASCHINE ZUM EINLEGEN VON BÖGEN IN BRIEFUMSCHLÄGEN

Title (fr)
MACHINE D'INSERTION A GRANDE VITESSE DE FEUILLES DANS DES ENVELOPPES

Publication
EP 1315656 A4 20080430 (EN)

Application
EP 00932555 A 20000517

Priority
US 0013625 W 20000517

Abstract (en)
[origin: CA2374981A1] A speed machine (10) that inserts about twelve thousand sheets or stacks of sheets of paper per hour into the same number of envelopes comprising a first table (12) for delivering an elongate horizontal queue of thousands of envelopes to an envelope hopper (32); a second table (16) parallel to the first table (12) includes a plurality of independently controllable sheet feeders, and a third table (30) disposed transversely to the first two tables (12, 16) and includes the envelope insertion station.

IPC 8 full level
B43M 3/04 (2006.01); **B65D 43/26** (2006.01); **B43M 5/04** (2006.01); **B65B 25/14** (2006.01); **B65B 35/02** (2006.01); **B65B 35/46** (2006.01)

IPC 8 main group level
B65D (2006.01)

CPC (source: EP)
B43M 3/045 (2013.01)

Citation (search report)
• [Y] US 4817368 A 19890404 - DEPASQUALE JOHN A [US], et al
• [Y] US 5626001 A 19970506 - BELEC ERIC A [US]
• [A] US 5220770 A 19930622 - SZEWCZYK RICHARD M [US], et al
• [A] DE 3836353 A1 19890503 - PITNEY BOWES INC [US]
• [A] US 4525986 A 19850702 - NOLL MARVIN H [US]
• See references of WO 0187728A1

Cited by
US9493259B2; US9567122B2; US10173798B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
AT E475604 T1 20100815; AU 5025700 A 20011126; CA 2374981 A1 20011122; CA 2374981 C 20070501; CN 1360553 A 20020724; DE 60044756 D1 20100909; EP 1315656 A1 20030604; EP 1315656 A4 20080430; EP 1315656 B1 20100728; IL 148295 A0 20020912; JP 2003533411 A 20031111; PL 358453 A1 20040809

DOCDB simple family (application)
AT 00932555 T 20000517; AU 5025700 A 20000517; CA 2374981 A 20000517; CN 00809988 A 20000517; DE 60044756 T 20000517; EP 00932555 A 20000517; IL 14829500 A 20000517; JP 2001584135 A 20000517; PL 35845300 A 20000517