

Title (en)

Bag binding machine

Title (de)

Beutel-Abbindevorrichtung

Title (fr)

Appareil pour encercler des cols de sachets

Publication

EP 1099635 A2 20010516 (EN)

Application

EP 00124530 A 20001109

Priority

JP 31851299 A 19991109

Abstract (en)

A press-bonding device (6) is constituted by a base plate (27), a release plate (28), a die plate (29) and a press plate (30), and a downward ultrasonic type oscillator (30a) is provided in a tip portion of the press plate. The four plates carries out one cycle for descending and ascending through the longitudinal reciprocating motion of a shifter (31), and a binding piece is inserted and interposed between the base plate and the die plate with right and left leg portions overlapped so that a dowel is formed by means of a punch and a hole. Then, the press plate descends and the tip end face of the ultrasonic type oscillator comes in contact with the dowel of the binding piece (9) so that the two leg portions of the binding piece are welded. <IMAGE>

IPC 1-7

B65B 51/04

IPC 8 full level

B65B 51/04 (2006.01)

CPC (source: EP)

B65B 51/043 (2013.01)

Citation (applicant)

JP H10114308 A 19980506 - MAX CO LTD

Cited by

EP1522497A1; NL1024491C2; US7093410B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1099635 A2 20010516; EP 1099635 A3 20020731; JP 2001130515 A 20010515

DOCDB simple family (application)

EP 00124530 A 20001109; JP 31851299 A 19991109