

Title (en)
Device for feeding flat objects to a processing apparatus

Title (de)
Vorrichtung zum Zuführen von flächigen Gegenständen zu einer Verarbeitungseinrichtung

Title (fr)
Dispositif pour alimenter un appareil de traitement en objets plats

Publication
EP 1050499 B1 20030820 (DE)

Application
EP 00106591 A 20000328

Priority
CH 86299 A 19990507

Abstract (en)
[origin: EP1050499A1] The conveyor (10) has individually controlled clips (12) driven behind each other along a track (18). Each clip has, in a transfer section (16) of the track, two clamping elements (46,58) forming an opening (14) pointing in the circulating direction. A feeder (74) feeds each object (22) into the transfer section by means of the clips which grip the trailing edge (22') of each object and take it to a processing machine. The transfer section of the feeder has a support element for the product being gripped by a clip.

IPC 1-7
B65H 5/08; B65H 5/12

IPC 8 full level
B65H 5/12 (2006.01); **B65H 5/08** (2006.01); **B65H 5/14** (2006.01)

CPC (source: EP US)
B65H 5/08 (2013.01 - EP US)

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)
EP 1050499 A1 20001108; EP 1050499 B1 20030820; AT E247591 T1 20030915; AU 3021100 A 20001109; AU 768610 B2 20031218; CA 2307513 A1 20001107; CA 2307513 C 20080422; DE 50003333 D1 20030925; DK 1050499 T3 20031208; JP 2000327171 A 20001128; US 6488278 B1 20021203

DOCDB simple family (application)
EP 00106591 A 20000328; AT 00106591 T 20000328; AU 3021100 A 20000501; CA 2307513 A 20000504; DE 50003333 T 20000328; DK 00106591 T 20000328; JP 2000134746 A 20000508; US 55857100 A 20000426