

Title (en)  
TRANSFER APPARATUS FOR PLATE TYPE MATERIALS.

Title (de)  
TRANSFERVORRICHTUNG FÜR PLATTENMATERIAL.

Title (fr)  
APPAREIL DE TRANSFERT POUR MATERIAUX EN PLAQUES.

Publication  
**EP 0244484 A4 19880321 (EN)**

Application  
**EP 85905104 A 19851009**

Priority  
JP 8500559 W 19851009

Abstract (en)  
[origin: WO8702341A1] A transfer apparatus for plate type materials is provided with a means (32) for detecting the position of an end portion of a plate type material (11") sent from a preceding stage, members (34) or (44), (45) for feeding the plate type material (11") while pinching the same, and means (37) or (38), (39) for varying the feed speed of the feed means (34) or (44), (45) on the basis of a signal from the detecting means (32) so that the feed speed meets the time requirements for carrying out a subsequent step. Even when a longitudinally double punching sheet is fed, a stacking conveyor (12) in a subsequent stage can be operated by reducing the speed thereof to  $V1 = 2\$(1,3)\$/L$ . Accordingly, a flaw does not occur in a front portion of the plate type material (11") on the stacking conveyor (12) in the stage, nor is the plate type material (11") irregularly stacked. In this apparatus, only a pair of feed members (34) or (44), (45) are driven for feeding the plate type material (11"). To drive these feed members, a small-capacity driving motor of a small inertia of GD<sup>2</sup> may be used. This prevents an increase in the equipment cost. This apparatus can also be applied to a double sheet, and used advantageously as a multi-purpose carton manufacturing machine.

IPC 1-7  
**B65H 5/34**; **B65G 47/31**

IPC 8 full level  
**B65H 5/34** (2006.01); **B65H 43/00** (2006.01)

CPC (source: EP)  
**B65H 5/34** (2013.01); **B65H 43/00** (2013.01); **B65H 2701/1762** (2013.01)

Citation (search report)  
• [X] US 4451027 A 19840529 - ALPER DANIEL D [US]  
• See references of WO 8702341A1

Cited by  
AU674536B2; CN1081592C; EP0731046A3; EP0357818A1; US6182959B1; WO9405582A1; WO9735795A1

Designated contracting state (EPC)  
CH DE FR GB LI

DOCDB simple family (publication)  
**WO 8702341 A1 19870423**; EP 0244484 A1 19871111; EP 0244484 A4 19880321

DOCDB simple family (application)  
**JP 8500559 W 19851009**; EP 85905104 A 19851009