

Title (en)  
Collating apparatus

Title (de)  
Stapelvorrichtung

Title (fr)  
Dispositif d'empilage

Publication  
**EP 1076027 A2 20010214 (EN)**

Application  
**EP 00116240 A 20000808**

Priority  
JP 22531899 A 19990809

Abstract (en)  
The collating apparatus of the present invention comprises a pair of discharged paper attitude forcing trays provided at positions at both sides of a pair of discharge rollers, respectively, and each having a forcible guide surface for guiding a lower surface of a collated matter conveyed onto paper discharge guide plate, wherein the forcible guide surface of each of the discharged paper attitude forcing trays is constituted to be positioned upward of a position at which the pair of discharge rollers almost press-contact with each other and to allow a height of the forcible guide surface to be varied. According to the present invention, uneven flight distance does not occur, stable paper alignment is ensured, and paper jamming and paper wrinkle do not occur, irrespectively of degree of firmness of the collated matter. <IMAGE>

IPC 1-7  
**B65H 29/70**; **B65H 29/14**

IPC 8 full level  
**B65H 39/10** (2006.01); **B65H 29/14** (2006.01); **B65H 29/70** (2006.01); **B65H 31/10** (2006.01); **B65H 31/24** (2006.01); **B65H 39/042** (2006.01)

CPC (source: EP)  
**B65H 29/14** (2013.01); **B65H 29/70** (2013.01); **B65H 31/3027** (2013.01); **B65H 39/042** (2013.01); **B65H 2301/42262** (2013.01); **B65H 2801/06** (2013.01)

Cited by  
EP1127828A3; US6701841B2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1076027 A2 20010214**; **EP 1076027 A3 20020605**; JP 2001048398 A 20010220

DOCDB simple family (application)  
**EP 00116240 A 20000808**; JP 22531899 A 19990809