

Title (en)  
Position detector

Title (de)  
Positionsgeber

Title (fr)  
Détecteur de position

Publication  
**EP 1348661 A1 20031001 (EN)**

Application  
**EP 03075972 A 20030318**

Priority  
• EP 03075972 A 20030318  
• EP 02076338 A 20020329

Abstract (en)  
A sheet depositing device for a sheet processing apparatus, comprising a feeding section for sequentially feeding sheets or sets of sheets from said sheet processing apparatus, at least one sheet stacking element movable along a guide, for facilitating depositing said sheets or sets of sheets fed by said feeding section in said sheet depositing device, and a sensor arrangement for detecting the position of a sheet stacking element along the guide. <??>The sensor arrangement comprises a stationary linear array of active elements and a passive element moving in unison with said sheet stacking element, said active and passive elements being of a kind that interact through the use of electric or magnetic fields and being positioned closely together in the array. <??>Examples of such sensors are: an array of conductive fields arranged in parallel to a conductive strip or a second array of conductive fields, and a conductive plate, connected to a capacitance meter, an array of Hall-effect sensors, and a magnet. <IMAGE>

IPC 1-7  
**B65H 31/10**; **B65H 43/00**; **B65H 31/26**

IPC 8 full level  
**B65H 31/10** (2006.01); **B65H 31/26** (2006.01)

CPC (source: EP)  
**B65H 31/10** (2013.01); **B65H 31/26** (2013.01); **B65H 2511/20** (2013.01); **B65H 2553/22** (2013.01); **B65H 2553/414** (2013.01); **B65H 2801/06** (2013.01)

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Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 1348661 A1 20031001**; **EP 1348661 B1 20061206**

DOCDB simple family (application)  
**EP 03075972 A 20030318**