

Title (en)  
Device and method for detecting a sheet

Title (de)  
Vorrichtung und Verfahren zur Bogenerfassung

Title (fr)  
Dispositif et procédé pour détecter une feuille

Publication  
**EP 0576801 B1 19961002 (DE)**

Application  
**EP 93107251 A 19930505**

Priority  
DE 4221578 A 19920701

Abstract (en)  
[origin: EP0576801A1] Measuring apparatus for detecting sheets in the region of the front stops (6) of a paper-sheet-processing machine, having means for accelerating the sheets (20), aligned along their front edge on the front stop (6), to a higher speed for transfer to a paper-sheet-processing unit having a scanning region perpendicular to the sheets conveying plane for detecting the parallel sheet planes which intersect the lay surface (7) of the front stops (6). Said scanning region is delimited by two scanning means, of which one forms the lower delimitation of the scanning region during scanning and the other forms the upper delimitation of the scanning region during scanning. <IMAGE>

IPC 1-7  
**B65H 7/02**; **B41F 21/05**

IPC 8 full level  
**B65H 5/10** (2006.01); **B41F 21/05** (2006.01); **B41F 33/14** (2006.01); **B65H 7/02** (2006.01)

CPC (source: EP US)  
**B41F 21/05** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 2511/51** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2553/412** (2013.01 - EP US); **B65H 2701/1311** (2013.01 - EP US)

C-Set (source: EP US)  
1. **B65H 2511/51** + **B65H 2220/03**  
2. **B65H 2701/1311** + **B65H 2220/01**

Designated contracting state (EPC)  
AT CH DE FR GB LI

DOCDB simple family (publication)  
**EP 0576801 A1 19940105**; **EP 0576801 B1 19961002**; AT E143646 T1 19961015; DE 4221578 A1 19940105; DE 59304023 D1 19961107; JP 2851515 B2 19990127; JP H0664784 A 19940308; US 5390908 A 19950221

DOCDB simple family (application)  
**EP 93107251 A 19930505**; AT 93107251 T 19930505; DE 4221578 A 19920701; DE 59304023 T 19930505; JP 15864793 A 19930629; US 8434393 A 19930628