

Title (en)

High capacity sheet feeder having tiltable tray

Title (de)

Hochgeschwindigkeits-Blaffzuführgerät mit kippbarem Zuführträger

Title (fr)

Appareil d'alimentation de feuilles à grande vitesse avec plateau inclinable

Publication

EP 1013582 A2 20000628 (EN)

Application

EP 99125241 A 19991217

Priority

US 22097798 A 19981223

Abstract (en)

A tiltable tray (210) utilizing a multi-position stack height (contact) sensor (350) (can detect 2 or more specific stack heights) in conjunction with a second sensor (340) near stack lead edge which also senses distance to the top sheet (without sheet contact). The two sensors together enable the paper supply to position the stack (53) with respect to the acquisition surface both vertically and angularly in the process direction. This height and attitude control greatly improves the capability of the feeder (200) to cope with a wide range of paper basis weight, type, and curl. <IMAGE>

IPC 1-7

B65H 7/02; **B65H 1/18**

IPC 8 full level

B65H 1/14 (2006.01); **B65H 1/18** (2006.01)

CPC (source: EP)

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DE FR GB

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