

Title (en)  
Feeder with safety device

Title (de)  
Anleger mit Sicherheitseinrichtung

Title (fr)  
Margeur avec dispositif de sécurité

Publication  
**EP 1717174 A1 20061102 (DE)**

Application  
**EP 06007943 A 20060415**

Priority  
• DE 102005019537 A 20050427  
• DE 102005019538 A 20050427

Abstract (en)  
The feeder has a safety regulator (19) which is connected to the weight and driving mechanism, to store the permissible weights of sheet stack (4). The stored weight is compared with the currently detected stacked weight, and the driving mechanism is activated, when the stacked weight is below the stored weight. The stack carrier is raised or lowered from the stack taking position after sheet stack is extracted or discharged based on the comparison results.

IPC 8 full level  
**B65H 1/20** (2006.01)

CPC (source: EP US)  
**B65H 1/20** (2013.01 - EP US); **B65H 1/26** (2013.01 - EP US); **B65H 2407/10** (2013.01 - EP US); **B65H 2515/10** (2013.01 - EP US)

Citation (search report)  
[AD] DE 102004002307 A1 20040812 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by  
DE102012221388A1

Designated contracting state (EPC)  
DE FR GB IT

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1717174 A1 20061102; EP 1717174 B1 20070822; EP 1717174 B2 20120627**; DE 5020060000065 D1 20071004;  
US 2006244201 A1 20061102; US 7465139 B2 20081216

DOCDB simple family (application)  
**EP 06007943 A 20060415**; DE 5020060000065 T 20060415; US 41118706 A 20060425