

Title (en)

Feeding device with integrated differential weighing module

Title (de)

Zuführvorrichtung mit eingebauter Differenzial-Wiegenkomponente

Title (fr)

Dispositif d'alimentation à module de pesée différentielle intégré

Publication

**EP 1647940 B1 20160511 (FR)**

Application

**EP 05291231 A 20050608**

Priority

FR 0407199 A 20040630

Abstract (en)

[origin: US2006000648A1] A mail article feeder device comprises a support housing receiving a weighing cell for delivering a weighing signal, a receiver tray having longitudinal and transverse walls for jogging mail articles, and for receiving a stack of mail articles, automatic extractor means for ejecting mail articles from said stack one by one, the automatic extractor means and the receiver tray being carried by the weighing cell, the feeder device further including intrusion detector means for detecting any intervention by an operator on the elements carried by the weighing cell, including on the stack of mail articles.

IPC 8 full level

**G07B 17/00** (2006.01)

CPC (source: EP US)

**G07B 17/00467** (2013.01 - EP US); **B65H 2515/10** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US); **G07B 2017/00483** (2013.01 - EP US); **G07B 2017/00701** (2013.01 - EP US)

Citation (examination)

US 5813327 A 19980929 - FREEMAN GERALD C [US], et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**FR 2872612 A1 20060106**; **FR 2872612 B1 20061110**; EP 1647940 A2 20060419; EP 1647940 A3 20070307; EP 1647940 B1 20160511; US 2006000648 A1 20060105; US 7482542 B2 20090127

DOCDB simple family (application)

**FR 0407199 A 20040630**; EP 05291231 A 20050608; US 17241105 A 20050630