

Title (en)  
Insert inserter for flat articles

Title (de)  
Beilagenanleger für flache Güter

Title (fr)  
Margeur de documents pour marchandises plates

Publication  
**EP 2815995 B1 20150715 (DE)**

Application  
**EP 14169513 A 20140522**

Priority  
DE 102013106483 A 20130621

Abstract (en)  
[origin: US2015014920A1] A supplement feeder for flat objects, comprising a receiving device with a stack compartment for receiving objects in the form of a stack, and a takeoff device for taking off individual objects from the stack, wherein the stack compartment has a front contact region against which the front edge of the stack rests, and equipped with guiding elements for guiding and shaping the stack, comprising a stack shoe that is arranged at the rear edge of the stack in order to guide the stack in the direction of the front contact region. According to the disclosure, this supplement feeder is equipped with a takeoff device for taking off individual objects from the object stack, and at least one component of the guiding elements, and in particular the stack shoe, is coupled to a knocking unit that transmits a discrete knock impact onto the respective component of the guiding element. Thereby malfunctions in the form of missed takeoffs or multiple takeoffs when taking off objects can be largely avoided.

IPC 8 full level  
**B65H 3/62** (2006.01); **B65H 3/04** (2006.01); **B65H 3/66** (2006.01)

CPC (source: EP US)  
**B65H 3/042** (2013.01 - EP US); **B65H 3/24** (2013.01 - US); **B65H 3/62** (2013.01 - EP US); **B65H 3/66** (2013.01 - EP US);  
**B65H 2405/1122** (2013.01 - EP US); **B65H 2513/50** (2013.01 - EP US); **B65H 2555/10** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Cited by  
US10532901B2; WO2017093123A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2815995 A1 20141224**; **EP 2815995 B1 20150715**; DE 102013106483 A1 20141224; US 2015014920 A1 20150115;  
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