

Title (en)  
Cutting box fine-tuning device for a crimp head

Title (de)  
Schneidekastenfeinverstellungsvorrichtung für einen Heftkopf

Title (fr)  
Dispositif de réglage précis d'un caisson de coupe pour une tête d'agrafage

Publication  
**EP 2292395 A3 20110727 (DE)**

Application  
**EP 10173697 A 20100823**

Priority  
DE 102009040074 A 20090904

Abstract (en)  
[origin: EP2292395A2] The gumption box fine adjustment device has a gumption box (91), which is fastened on a gumption box holder. A slider (85) is attached between a lower control rod (84) and an upper control rod (80). A fixing unit (82) is provided with a sliding disk (86), where the lower control rod is moved relative to the upper control rod without detachment of the fixing unit. An independent claim is also included for a method for fine adjustment of cutting box.

IPC 8 full level  
**B27F 7/23** (2006.01); **B27F 7/21** (2006.01); **B42B 4/00** (2006.01)

CPC (source: EP)  
**B27F 7/21** (2013.01)

Citation (search report)  
[AD] DE 19712876 A1 19981001 - EASTMAN KODAK CO [US]

Cited by  
CN106112546A; CN102275403A

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 SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**EP 2292395 A2 20110309; EP 2292395 A3 20110727; EP 2292395 B1 20130109**; CN 102029825 A 20110427; CN 102029825 B 20140604;  
DE 102009040074 A1 20110908

DOCDB simple family (application)  
**EP 10173697 A 20100823**; CN 201010270697 A 20100901; DE 102009040074 A 20090904