

Title (en)  
Multiple binding apparatus

Title (de)  
Mehrfachbündler

Title (fr)  
Appareil de liage multiple

Publication  
**EP 1593599 B1 20060816 (DE)**

Application  
**EP 04010674 A 20040505**

Priority  
EP 04010674 A 20040505

Abstract (en)  
[origin: EP1593599A1] The strapping machine for fastening adjacent stacks of material together uses plastic straps (22) fed between an upper reel (24) and a lower reel (25). Each of these is fitted with pressure rollers (35, 35a), a brake (40, 40a) and a tensioning system (36, 38, 39, 36a, 38a, 39a). All these controls are mounted in cassettes (41, 42) whose position can be adjusted horizontally.

IPC 8 full level  
**B65B 13/32** (2006.01); **B65B 9/02** (2006.01); **B65B 13/22** (2006.01); **B65B 59/00** (2006.01); **B65H 16/02** (2006.01)

CPC (source: EP)  
**B65B 9/026** (2013.01); **B65B 13/22** (2013.01)

Cited by  
ES2326941A1; CN109204973A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1593599 A1 20051109; EP 1593599 B1 20060816**; AT E336428 T1 20060915; DE 502004001200 D1 20060928

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