

Title (en)

Apparatus and method for winding elongate flexible sheet binders

Title (de)

Vorrichtung und Verfahren zum Aufwickeln von flexiblen, länglichen Bindemitteln

Title (fr)

Dispositif et procédé pour enrouler des moyens de reliure flexibles et allongés

Publication

**EP 1593638 B1 20070516 (DE)**

Application

**EP 05009679 A 20050503**

Priority

DE 102004022709 A 20040505

Abstract (en)

[origin: EP1593638A1] The machine for winding wire comb binder (30) with intermediate layers of separating paper on to reels (10, 14) has a cutter unit (36). This can cut simultaneously through both the binder and the paper when the reel is full.

IPC 8 full level

**B65H 54/71** (2006.01); **B65H 65/00** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP)

**B65H 54/71** (2013.01); **B65H 65/00** (2013.01); **B65H 67/048** (2013.01); **B65H 2701/3914** (2013.01); **B65H 2701/3916** (2013.01)

Cited by

CN114476265A; FR2969133A1

Designated contracting state (EPC)

DE

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**EP 1593638 A1 20051109**; **EP 1593638 B1 20070516**; DE 502005000721 D1 20070628

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