

Title (en)  
Winder

Title (de)  
Rollenwickeleinrichtung

Title (fr)  
Enrouleuse

Publication  
**EP 1790600 A3 20080917 (DE)**

Application  
**EP 06123332 A 20061102**

Priority  
• DE 102005056748 A 20051129  
• DE 102006023831 A 20060520

Abstract (en)  
[origin: EP1790600A2] The device has two supporting rollers (2, 3) that form a winding bed (4), where a winding roller (5) is arranged on the bed during winding. One of the rollers has vibration dampers (14, 15) with a resonance frequency, where the resonance frequency is adjusted to the frequency in a predetermined range below the contact resonance frequency to end the winding process between the supporting rollers and the winding roller. The resonance frequency lies above the bending resonance frequency of the supporting rollers. The dampers are formed as passive dampers.

IPC 8 full level  
**B65H 18/20** (2006.01)

CPC (source: EP)  
**B65H 18/20** (2013.01); **B65H 2301/4148** (2013.01); **B65H 2601/5242** (2013.01)

Citation (search report)  
• [X] DE 102004062890 A1 20051013 - ERAS GMBH [DE], et al  
• [X] EP 1260470 A2 20021127 - VOITH PAPER JAGENBERG GMBH [DE]  
• [X] DE 7305837 U 19741010  
• [A] US 5487715 A 19960130 - SCHIEL CHRISTIAN [DE]

Cited by  
EP2341021A3; EP2341020A3; WO2010018305A1

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

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1790600 A2 20070530; EP 1790600 A3 20080917; EP 1790600 B1 20120307**; AT E548308 T1 20120315

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