

Title (en)
Winder

Title (de)
Rollenwickeleinrichtung

Title (fr)
Enrouleuse

Publication
EP 1790600 A2 20070530 (DE)

Application
EP 06123332 A 20061102

Priority
• DE 102005056748 A 20051129
• DE 102006023831 A 20060520

Abstract (en)
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.

Abstract (de)
Es wird eine Rollenwickeleinrichtung (1) angegeben, die zwei Tragwalzen (2, 3) aufweist, die ein Wickelbett (4) bilden, in dem beim Wickeln eine Wickelrolle (5) angeordnet ist. Man möchte Probleme beim Wickeln von Materialbahnen (6) mit hohem Haftreibwert vermeiden. Hierzu ist es vorgesehen, daß mindestens eine Tragwalze (2, 3) einen Schwingungstilger (14, 15) aufweist.

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 (applicant)
DE 102004062890 A1 20051013 - ERAS GMBH [DE], et al

Cited by
EP2341021A3; EP2341020A3; WO2010018305A1

Designated contracting state (EPC)
AT DE FI IT

Designated extension state (EPC)
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DOCDB simple family (publication)
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