

Title (en)

Winding machine for continuously winding a material web

Title (de)

Wickelmaschine zum kontinuierlichen Aufwickeln einer Materialbahn

Title (fr)

Machine d'enroulage pour enrouler de façon continue une bande de matière

Publication

**EP 1038815 A3 20011004 (DE)**

Application

**EP 99125353 A 19991220**

Priority

DE 19908496 A 19990226

Abstract (en)

[origin: DE19908496A1] The machine for continuous reeling of materials, in particular, paper and cardboard incorporates an air excluder unit (12) which comes into operation against the material roll (6) when the latter is almost completed. The air excluder unit takes the form of a compound element (13) which is mounted on a frame (16). The air excluder is made up of a main body (14) and a low-friction lining (15) on the surface likely to come into contact with the material being reeled.

IPC 1-7

**B65H 18/26**; **B65H 19/22**

IPC 8 full level

**B65H 18/26** (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP)

**B65H 18/26** (2013.01); **B65H 19/2261** (2013.01); **B65H 2408/236** (2013.01); **B65H 2408/2364** (2013.01)

Citation (search report)

- [XDA] US 5779183 A 19980714 - AALTO ESA [FI], et al
- [XA] DE 29813365 U1 19981105 - VALMET CORP [FI]

Cited by

DE10144016A1; US6719237B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19908496 A1 20000831**; EP 1038815 A2 20000927; EP 1038815 A3 20011004

DOCDB simple family (application)

**DE 19908496 A 19990226**; EP 99125353 A 19991220