

Title (en)

Apparatus for transporting web rolls of packaging material

Title (de)

Vorrichtung zum Transport von Bobinen aus Verpackungsmaterial

Title (fr)

Dispositif pour transporter des bobines de materiau d'emballage

Publication

EP 1074472 B2 20060329 (DE)

Application

EP 00120885 A 19980220

Priority

- DE 19710657 A 19970314
- EP 98102982 A 19980220

Abstract (en)

[origin: EP0864500A1] The outer enclosed wrapping (11) is opened or removed by an opener (31) with a tear-element, especially a tear-off strip encircling, especially sticking to, the outside of the wrapping. The tear-strip separates an opening strip from the wrapping as a result of the relative movement between the tear-strip and the reel (10). The reel passes through an opening unit (30) past an opener (31), preferably by a to and fro moving carriage (16). The opening unit is integrated in a magazine (12).

IPC 8 full level

B65B 25/14 (2006.01); **B65B 41/12** (2006.01); **B65B 69/00** (2006.01); **B65H 19/10** (2006.01); **B65H 19/12** (2006.01)

CPC (source: EP US)

B65B 25/148 (2013.01 - EP US); **B65B 69/00** (2013.01 - EP US); **B65H 19/105** (2013.01 - EP US); **B65H 19/12** (2013.01 - EP US); **B65H 2301/4172** (2013.01 - EP US); **B65H 2301/46042** (2013.01 - EP US); **B65H 2301/46043** (2013.01 - EP US); **B65H 2301/46044** (2013.01 - EP US); **B65H 2405/422** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0864500 A1 19980916; **EP 0864500 B1 20020821**; BR 9801123 A 19990928; CN 1119267 C 20030827; CN 1194226 A 19980930; DE 19710657 A1 19980917; DE 59805222 D1 20020926; DE 59806221 D1 20021212; EP 1074472 A1 20010207; EP 1074472 B1 20021106; EP 1074472 B2 20060329; ES 2179391 T3 20030116; ES 2181621 T3 20030301; ES 2181621 T5 20060716; ID 20038 A 19980917; JP H10329996 A 19981215; US 6282867 B1 20010904

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EP 98102982 A 19980220; BR 9801123 A 19980313; CN 98105580 A 19980313; DE 19710657 A 19970314; DE 59805222 T 19980220; DE 59806221 T 19980220; EP 00120885 A 19980220; ES 00120885 T 19980220; ES 98102982 T 19980220; ID 980369 A 19980313; JP 6583798 A 19980316; US 3195798 A 19980226