

Title (en)  
RECEIVING SLEEVE

Title (de)  
AUFNAHMEHÜLSE

Title (fr)  
MANCHON DE RECEPTION

Publication  
**EP 3214031 A1 20170906 (DE)**

Application  
**EP 16158285 A 20160302**

Priority  
EP 16158285 A 20160302

Abstract (en)  
[origin: US2017253459A1] A reception sleeve that may be mounted on a mandrel of a packaging machine for winding up a film used in the packaging process on the reception sleeve. The reception sleeve may include a plurality of hinges. Each hinge may have a hinge axis, wherein each hinge axis may be oriented in a direction parallel to a central axis of the reception sleeve. The reception sleeve may be mounted on a reception mandrel of the packaging machine, preferably for winding a residual film grid remaining after sealing trays in the packaging machine. The mandrel may include a mechanism for selectively tensioning the reception sleeve thereon to tension the reception sleeve to allow the mandrel to transfer a winding torque to the reception sleeve, and to reduce the tension so the reception sleeve can easily be removed from the mandrel.

Abstract (de)  
Die Erfindung bezieht sich auf eine Aufnahmehülse (20) zum Aufwickeln einer Folie (11), vorzugsweise eines Restfoliengitters, an einer Verpackungsmaschine (1) und zeichnet sich dadurch aus, dass die Aufnahmehülse (20) mehrere Scharniere (40) aufweist, wobei die Scharniere (40) parallel zu einer Mittelachse (30) der Aufnahmehülse (20) ausgerichtet sind.

IPC 8 full level  
**B65H 75/24** (2006.01)

CPC (source: EP US)  
**B65H 18/08** (2013.01 - EP US); **B65H 75/2487** (2021.05 - US); **B65H 2301/41446** (2013.01 - US); **B65H 2701/1752** (2013.01 - US); **B65H 2701/37** (2013.01 - EP US)

Citation (applicant)

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- US 3281092 A 19661025 - SCHULTZ RUDOLPH H, et al
- US 2007278342 A1 20071206 - HARKINS ROBERT A [US]
- DE 102008033349 A1 20100211 - MULTIVAC HAGGENMUELLER GMBH [DE]
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Citation (search report)

- [X] US 3937412 A 19760210 - DAMOUR LAWRENCE R
- [X] DE 202011001557 U1 20120418 - HPL NEUGNADENFELDER MASCHINENFABRIK GMBH [DE]
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- [X] DE 2229060 A1 19740110 - HILLE BERND
- [X] US 2973160 A 19610228 - PETER ZERNOV

Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3214031 A1 20170906**; US 2017253459 A1 20170907

DOCDB simple family (application)  
**EP 16158285 A 20160302**; US 201715443359 A 20170227