

Title (en)  
Handle applicator

Title (de)  
Vorrichtung zum Anbringen eines Tragegriffs

Title (fr)  
Dispositif de pose sur un fardeau d'une poignée préparée

Publication  
**EP 1577219 B1 20110302 (FR)**

Application  
**EP 05356046 A 20050315**

Priority  
FR 0402648 A 20040315

Abstract (en)  
[origin: EP1577219A1] The device has a cell (15) to detect shift of a position of a handle (n+i) located in upstream of a handle (n) during installation, with respect to a theoretical position of the handle (n+i) related to multiple nominal lengths. An extension unit extends length of a rotary arm (18) beyond the nominal length for drawing a portion of an adhesive ribbon (7) to a length greater than the nominal length, during rotation of the arm. The shift of position of the handle (n+i) is due to extension of the handle (n) beyond the nominal length. An independent claim is also included for a method to install a carrying handle on a load such as pack of multiple water bottles, displaced on a belt conveyor.

IPC 8 full level  
**B65B 61/14** (2006.01); **B31B 50/86** (2017.01); **B65B 41/18** (2006.01)

CPC (source: EP US)  
**B65B 41/18** (2013.01 - EP US); **B65B 61/14** (2013.01 - EP US); **Y10S 493/909** (2013.01 - EP US); **Y10S 493/926** (2013.01 - EP US)

Cited by  
FR3024976A1; CN105711908A; NL2002381C2; US11577873B2; WO2020020538A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1577219 A1 20050921; EP 1577219 B1 20110302**; AT E500143 T1 20110315; DE 602005026599 D1 20110414; FR 2867453 A1 20050916; FR 2867453 B1 20060512; US 2005274087 A1 20051215; US 7191576 B2 20070320

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