

Title (en)  
STRAPPING DEVICE WITH A GEAR SYSTEM DEVICE

Title (de)  
UMREIFUNGSVORRICHTUNG MIT EINER GETRIEBEEINRICHTUNG

Title (fr)  
DISPOSITIF DE BANDEROLAGE COMPORTANT UN SYSTEME D'ENTRAINEMENT

Publication  
**EP 2280875 B1 20120516 (DE)**

Application  
**EP 09734179 A 20090106**

Priority  
• CH 2009000001 W 20090106  
• CH 6452008 A 20080423

Abstract (en)  
[origin: WO2009129633A1] A mobile strapping device for strapping packaged goods with wrap-around strap comprises a tensioner (6) for applying a strap tension to a loop of a wrapping strap, and a friction welder (10) for producing a friction weld connection by way of a friction welding element at two areas of the loop of the wrapping strap disposed one on top of the other, and a chargeable energy storage means (15) for storing electrical energy that can be released as drive energy for motorized drive motions at least for the friction welder for producing a friction weld connection. In order for such a strapping device to have high functional reliability and ease of handling, despite the possibility of automated production of wrapped straps, at least to a large extent, it is proposed for the strapping device to comprise a planetary gear system (35, 37, 38) for transferring and changing the rotational speed of a drive motion provided by an electrical drive of the friction welder.

IPC 8 full level  
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