

Title (en)  
FRICTIONAL LOCKING RECEPTACLE WITH PROGRAMMABLE RELEASE

Title (de)  
BEHÄLTER MIT REIBSCHLÜSSIGER VERRIEGELUNG UND PROGRAMMIERBARER LÖSUNG

Title (fr)  
PRISE À VERROUILLAGE PAR FROTTEMENT À LIBÉRATION PROGRAMMABLE

Publication  
**EP 2973881 B1 20180425 (EN)**

Application  
**EP 14763380 A 20140317**

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Abstract (en)  
[origin: WO2014145987A1] A method and apparatus for securing an electrical connection formed by a mating structure including prongs of a male assembly and receptacles of a female assembly are provided. In certain embodiments, the electrical connection can be secured by frictional engagement between the plug and receptacle housings. This can be accomplished by forcing a wedge into an interface between the housings or expanding a locking element, such as an elastomeric ring, into the interface. Such locking and releasing of the secure connection can be actuated using a locking nut.

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