

Title (en)  
CONNECTOR LATCH

Title (de)  
STECKVERBINDERVERRIEGELUNG

Title (fr)  
VERROUILLAGE DE CONNECTEUR

Publication  
**EP 3312942 B1 20221207 (EN)**

Application  
**EP 17191751 A 20170919**

Priority  
US 201615384743 A 20161220

Abstract (en)  
[origin: EP3312942A1] Connector latch used to securely hold together a connector apparatus, such that the connector apparatus has at least a first connector assembly and a second connector assembly which can be mated together. Initially, after the connector latch is manufactured, the connector latch is in an undeflected position. After manufacture, the connector latch is subjected to a pre-mating deflection process, in order to deflect the connector latch into a preloaded position. After the pre-mating deflection process has been completed, the connector latch is locked in the preloaded position. The preloaded connector latch provides a number of desirable characteristics, including at least an extra loud "click" sound when the first connector assembly and the second connector assembly are mated together.

IPC 8 full level  
**H01R 13/627** (2006.01); **H01R 13/641** (2006.01)

CPC (source: EP)  
**H01R 13/6272** (2013.01); **H01R 13/641** (2013.01)

Citation (examination)

- US 2014206220 A1 20140724 - GEORGE TERRY A [US], et al
- US 6116939 A 20000912 - FUKUDA MASARU [JP]
- JP 2016115570 A 20160623 - YAZAKI CORP

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

DOCDB simple family (publication)  
**EP 3312942 A1 20180425; EP 3312942 B1 20221207**

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