

Title (en)  
PLUG CONNECTOR SYSTEM

Title (de)  
STECKVERBINDERSYSTEM

Title (fr)  
SYSTÈME DE CONNECTEUR ÉLECTRIQUE

Publication  
**EP 3282521 A2 20180214 (EN)**

Application  
**EP 17186078 A 20170814**

Priority  
DE 102016215123 A 20160812

Abstract (en)  
The present invention provides a plug connector system. According to one aspect, a locking element is provided on the socket housing of the system such that a superior degree of flexibility may be achieved upon mounting and connecting the plug connector system, in particular, in critical applications, such as usage in combination with battery modules. In a further aspect, a socket housing and/or a pin housing of the plug connector system are provided with a resilient prefixing element in order to achieve a preliminary fixation corresponding to a degree of elasticity, thereby allowing tolerances to be taken into consideration. In a further aspect, the plug connector system comprises an assurance having a double function, thereby accomplishing the secondary assurance of contacts and the locking of the housing components on the basis of one single component.

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Cited by  
CN115603119A; CN113196578A; US10910764B2; US2021098930A1; US11515660B2; WO2024077441A1

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