

Title (en)  
PLUG CONNECTOR SYSTEM WITH TORSION PROTECTION ELEMENT

Title (de)  
STECKVERBINDERSYSTEM MIT TORSIONSSCHUTZ

Title (fr)  
SYSTÈME DE CONNECTEUR ENFICHABLE DOTÉ D'ÉLÉMENT DE PROTECTION CONTRE LA TORSION

Publication  
**EP 4208924 A1 20230712 (DE)**

Application  
**EP 21769463 A 20210901**

Priority  
• BE 202005608 A 20200903  
• EP 2021074138 W 20210901

Abstract (en)  
[origin: WO2022049128A1] The invention relates to a plug connector system (1) for forming a quick-disconnect system of a plug part (2) with a corresponding mating plug (3), wherein the plug part has a substantially rotationally symmetrical cross-section about a preferred longitudinal axis at least in an area surrounding a first axial end, which is a plug-side end. The plug part (2) has at least one catch (8) and the mating plug (3) has at least two corresponding latching means (14) for engaging into the catch by means of at least one respective latching nose (16).

IPC 8 full level  
**H01R 24/86** (2011.01); **H01R 13/622** (2006.01); **H01R 13/627** (2006.01); **H01R 13/64** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP)  
**H01R 13/6275** (2013.01); **H01R 24/86** (2013.01); **H01R 13/622** (2013.01); **H01R 13/64** (2013.01); **H01R 2107/00** (2013.01)

Citation (search report)  
See references of WO 2022049128A1

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022049128 A1 20220310**; BE 1028586 A1 20220328; BE 1028586 B1 20220404; CN 116057786 A 20230502; EP 4208924 A1 20230712; JP 2023539766 A 20230919

DOCDB simple family (application)  
**EP 2021074138 W 20210901**; BE 202005608 A 20200903; CN 202180054210 A 20210901; EP 21769463 A 20210901; JP 2023514800 A 20210901