

Title (en)  
SELF-SHORTING CONNECTOR

Title (de)  
SELBSTKÜRZENDER VERBINDER

Title (fr)  
CONNECTEUR À COURT-CIRCUIT AUTOMATIQUE

Publication  
**EP 4216373 A4 20240925 (EN)**

Application  
**EP 21868399 A 20210823**

Priority  
• CN 202010976004 A 20200916  
• CN 2021114026 W 20210823

Abstract (en)  
[origin: EP4216373A1] Disclosed by the present application is a self-shorting connector, comprising: an insulated core body; a plurality of insertion terminals arranged inside said insulating core body, which are arranged in the respective terminal hole positions of said insulating core body, each of said insertion terminals being formed by bending and processing a metal sheet, comprising a wiring base and an inserting portion; said inserting portion being connected with said wiring base and extending outward from the wiring base. The insertion terminal also comprises a side leg structure, said side leg structure extending from the wiring base, and the extension direction of the side leg structure and the extension direction of the inserting portion being substantially parallel. The inserting portion of the insertion terminal is located in the terminal hole position of the insulating core body, and the side leg structure is located outside the terminal hole position of said insulating core body.

IPC 8 full level  
**H01R 13/703** (2006.01); **H01R 13/11** (2006.01)

CPC (source: CN EP)  
**H01R 13/02** (2013.01 - CN); **H01R 13/40** (2013.01 - CN); **H01R 13/7033** (2013.01 - EP); **H01R 4/4821** (2023.08 - EP);  
**H01R 4/4833** (2023.08 - EP); **H01R 13/111** (2013.01 - EP)

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 4216373 A1 20230726; EP 4216373 A4 20240925**; CN 114267974 A 20220401; CN 115528465 A 20221227; CN 115528465 B 20240405;  
WO 2022057571 A1 20220324

DOCDB simple family (application)  
**EP 21868399 A 20210823**; CN 202010976004 A 20200916; CN 2021114026 W 20210823; CN 202211310443 A 20200916