

Title (en)

Connector to simultaneously connect a plurality of electrical lines adapted to make the connection in two separate phases

Title (de)

Verbinder zur gleichzeitigen Verbindung einer Vielzahl von elektrischen Leitungen in zwei einzelnen Phasen

Title (fr)

Connecteur pour la connexion simultanée d'une pluralité de lignes électriques adapté pour réaliser la connexion dans deux phases différentes

Publication

**EP 2390968 A1 20111130 (EN)**

Application

**EP 10425175 A 20100525**

Priority

EP 10425175 A 20100525

Abstract (en)

The present invention relates to a connector to simultaneously connect a plurality of electrical lines (9a, 9b, 9c, 20a, 20b, 20c) of the type comprising a female part (1) and a male part (2). The connector according to the present invention is characterized in that it is possible to separate the connection operation of the two parts into two phases, due to a specific moveable element (40) on which supplementary electrical contacts (30) are inserted, the first phase making the connection of the male with the female without the electrical contacts being energized, and a second phase in which the two parts already connected are in turn connected to the energized lines.

IPC 8 full level

**H01R 13/703** (2006.01); **H01R 13/453** (2006.01); **H01R 13/52** (2006.01); **H01R 13/53** (2006.01)

CPC (source: EP)

**H01R 13/4538** (2013.01); **H01R 13/5213** (2013.01); **H01R 13/7036** (2013.01); **H01R 13/521** (2013.01)

Citation (search report)

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- [XI] DE 801998 C 19510201 - CALOR EMAG ELEK ZITAETS AKT GE
- [Y] US 4109989 A 19780829 - SNYDER JR CLAIR WILSON, et al

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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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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