

Title (en)  
INDUSTRIAL PLUG WITH PHASE INVERTER DEVICE

Title (de)  
INDUSTRIELLER STECKER MIT PHASENUMKEHRVORRICHTUNG

Title (fr)  
PRISE INDUSTRIELLE AVEC DISPOSITIF INVERSEUR DE PHASE

Publication  
**EP 3276758 A1 20180131 (EN)**

Application  
**EP 17001231 A 20170719**

Priority  
IT 201600079051 A 20160727

Abstract (en)  
An industrial plug with phase inverter device including a core which is inserted in a casing and supports a plurality of pins; a rotor that is mounted on the core and supports at least two movable pins and is arrangeable in two preset positions: an initial position and a final position; the initial and final positions corresponding to a rotation through 180° of the rotor so that the position of the movable pins is reversed; the plug includes a means for highlighting the reaching of one of the preset positions of the rotor and therefore of the movable pins. The phase inverter device highlights uniquely and objectively the reaching of the correct position on the part of the pins, once they have been reversed.

IPC 8 full level  
**H01R 29/00** (2006.01); **H01R 24/86** (2011.01)

CPC (source: CN EP)  
**H01R 13/40** (2013.01 - CN); **H01R 29/00** (2013.01 - EP); **H01R 35/04** (2013.01 - CN); **H01R 24/86** (2013.01 - EP)

Citation (applicant)  
• DE 4431451 A1 19960307 - MUELLER PLASTIK GMBH [DE]  
• EP 0841726 A2 19980513 - ALOYS MENNEKES ANLAGEN [DE]  
• AT 410269 B 20030325 - PC ELECTRIC GMBH [AT]

Citation (search report)  
• [X] DE 4431451 A1 19960307 - MUELLER PLASTIK GMBH [DE]  
• [X] EP 0841726 A2 19980513 - ALOYS MENNEKES ANLAGEN [DE]  
• [X] AT 410269 B 20030325 - PC ELECTRIC GMBH [AT]

Cited by  
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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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3276758 A1 20180131**; **EP 3276758 A8 20180404**; CN 107666098 A 20180206; CN 107666098 B 20210518; IT 201600079051 A1 20180127

DOCDB simple family (application)  
**EP 17001231 A 20170719**; CN 201710620802 A 20170727; IT 201600079051 A 20160727