

Title (en)

BAYONET-TYPE LOCKING RING OF A CIRCULAR ELECTRICAL CONNECTOR

Title (de)

VERSCHLUSSRING VOM TYP BAJONETTVERSCHLUSS EINES RINGFÖRMIGEN ELEKTRISCHEN STECKVERBINDERS

Title (fr)

BAGUE DE VERROUILLAGE, DE TYPE BAÏONNETTE D'UN CONNECTEUR ÉLECTRIQUE CIRCULAIRE

Publication

EP 3101738 B1 20181017 (FR)

Application

EP 16172488 A 20160601

Priority

FR 1554925 A 20150601

Abstract (en)

[origin: US2016352044A1] A bayonet type locking ring of a circular electrical connector. A first piece with the shape of a cylindrical ring extends from one end to the other. The first piece is made of thermoplastic material, and includes notches distributed over the internal face of the first piece adjacent to one end and a first ramp part on the internal face of the first piece. A second piece with the shape of a cylindrical ring, and includes notches distributed over its external face and a second ramp part on the internal cylindrical surface. The first piece and the second piece are assemblable such that the notches of the second piece fit in the notches of the first piece, and prevent the second piece from rotating in relation to the first piece. The second ramp part of the second piece complements the first ramp part of the first piece.

IPC 8 full level

H01R 13/508 (2006.01); **H01R 13/506** (2006.01); **H01R 13/625** (2006.01)

CPC (source: EP US)

H01R 13/508 (2013.01 - US); **H01R 13/625** (2013.01 - EP US); **H01R 13/506** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3101738 A1 20161207; **EP 3101738 B1 20181017**; FR 3036860 A1 20161202; FR 3036860 B1 20180601; US 2016352044 A1 20161201; US 9780485 B2 20171003

DOCDB simple family (application)

EP 16172488 A 20160601; FR 1554925 A 20150601; US 201615170181 A 20160601