

Title (en)
QUICK-CONNECTION SYSTEM COMPRISING TWO CONNECTORS

Title (de)
SCHNELLANSCHLUSSSYSTEM MIT ZWEI ANSCHLÜSSEN

Title (fr)
SYSTÈME DE CONNEXION RAPIDE COMPORTANT DEUX CONNECTEURS

Publication
EP 3007281 B1 20180815 (FR)

Application
EP 15188698 A 20151007

Priority
FR 1459689 A 20141009

Abstract (en)
[origin: CN105514672A] A quick-connection system (200) comprising two connectors comprises: a first connector (100) having a body (102), a lever (104) rotatably mounted on the body (102) via a shaft (106), a recovering means (108) and a stick hook (110) mounted to one end of the lever (104) and having a first hooking means (116), and a second connector (300) having a body (302) and a second hooking means (304) provided for cooperating with the first hooking means (116). The first connector and the second connector are provided to be fitted into one another by approximation according to a connection direction (50) and the lever (104) is movable between a locking position wherein the first hooking means (116) cooperate with second hooking means (304) to prevent separation of the connectors by spacing parallel to the connection direction, and a free position in which the first attachment means does not cooperate with second fastening means thereby allowing the separation of connectors by moving parallel to the connection direction. The recovering means is provided to constrain the lever in the locking position and the first and second hooking means take the form of thread. Such an arrangement avoids including premature wear of the lever.

IPC 8 full level
H01R 13/627 (2006.01); **H01R 13/508** (2006.01); **H01R 107/00** (2006.01)

CPC (source: CN EP)
H01R 13/506 (2013.01 - CN); **H01R 13/6275** (2013.01 - EP); **H01R 13/6277** (2013.01 - CN); **H01R 13/629** (2013.01 - CN);
H01R 13/642 (2013.01 - CN); **H01R 13/508** (2013.01 - EP); **H01R 2107/00** (2013.01 - EP)

Cited by
CN105742875A

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DOCDB simple family (publication)
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