

Title (en)
Female lug for an electrical connection.

Title (de)
Steckbuchsenendstück für eine elektrische Verbindung.

Title (fr)
Cosse femelle pour connexion électrique.

Publication
EP 0189359 A1 19860730 (FR)

Application
EP 86440005 A 19860121

Priority
FR 8501163 A 19850124

Abstract (en)
1. Female lug (2) for an electrical connection (1) presenting a housing (23) for the male tongue (3) of the connection (1) and composed of a sole (12), a half-body (13) and two lateral walls (14, 15) whose two free edges (18, 19) are bent round above the sole (12), the latter having a locking lug (27) provided with a locking stop (4) ratching into a slit (5) made in the male tongue (3), the free extremity of this lug (27) projecting beyond the ear sides (34, 35) of the edges bent round to form the release mechanism (11), subject to a downward deflection, this locking lug (27) provided with a locking stop (4a) comprising a U-shaped cutout, the frontal cutout of which is situated on the side of the locking stop (4), this cutout defining a tongue (32) bent back practically perpendicular to the lug (27) upwards and projecting beyond the rear sides (34, 35) of the bent-over edges of the two lateral walls (14, 15) in one piece with the sole (12), said tongue (32) comprising an upper extremity (36) bent back in the direction of the half-body (13), this female lug (2) being characterized by the fact that it comprises means of limiting the downward deflection of the mechanism (11) for the release of the male tongue (3) on the unlocking of the connection (1) while cooperating with the means of blocking of an insulating box (45) to ensure the connection between the female lug (2) and an insulating box (45).

Abstract (fr)
La cosse femelle (2) comporte un organe de libération (11) de la languette mâle (3), constitué par une languette (32) obtenue par une découpe en forme de «U» réalisée dans la patte de verrouillage (27), puis un pliage de ladite languette (32) vers le haut. Pour protéger la patte de verrouillage (27) et l'organe de libération (11) contre des débattements excessifs vers le bas, la cosse femelle (2) comporte sur sa semelle (12) une butée d'arrêt (43), située au niveau de la découpe frontale (24) de ladite semelle (12), et réalisée par matriçage ou estampage. La butée d'arrêt (43) coopère avec la languette (32) pour assurer la liaison entre la cosse femelle (2) et un boîtier isolant (45) pendant le déverrouillage de la languette mâle (3).

IPC 1-7
H01R 13/115

IPC 8 full level
H01R 13/115 (2006.01); **H01R 13/20** (2006.01)

CPC (source: EP)
H01R 13/20 (2013.01); **H01R 13/115** (2013.01)

Citation (search report)
• [YD] EP 0099845 A1 19840201 - STOCKO FRANCE SA [FR]
• [Y] DE 2628167 A1 19780105 - HARTING ELEKTRO W
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Designated contracting state (EPC)
AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0189359 A1 19860730; EP 0189359 B1 19881117; AT E38744 T1 19881215; DE 189359 T1 19870205; DE 3661234 D1 19881222; FR 2576458 A2 19860725; FR 2576458 B2 19870206

DOCDB simple family (application)
EP 86440005 A 19860121; AT 86440005 T 19860121; DE 3661234 T 19860121; DE 86440005 T 19860121; FR 8501163 A 19850124