

Title (en)
Female electrical terminal

Title (de)
Elektrischer Buchsenkontakt

Title (fr)
Contact électrique femelle

Publication
EP 1255325 A1 20021106 (EN)

Application
EP 02076493 A 20020415

Priority
GB 0110767 A 20010502

Abstract (en)
A female electrical terminal (10) for mating with a flat blade contact (12) comprising first and second arms (14,16) positionable on one side (22) of the flat blade contact and extending in the mating direction (X); and third and fourth arms (18,20) positionable on the other side (24) of the flat blade contact and extending in the mating direction; wherein the first arm and the second arm are pivotally mounted at one end (26,28) on a first pivot axis (A); wherein the first and second arms have a free end (30,32) opposed to said one end; wherein the third arm and the fourth arm are pivotally mounted at one end (34,36) on a second pivot axis (B); wherein the third and fourth arms have a free end (38,40) opposed to said one end; wherein the first arm is positioned opposed to said fourth arm; wherein the second arm is positioned opposed to said third arm; wherein each arm has a contact area (42-48) formed adjacent the free end thereof directed towards the opposed arm; wherein the first and third arms have a first predetermined length (L1) between said one end and said free end thereof; wherein the second and fourth arms have a second predetermined length (L2) between said one end and said free end thereof, the second length being greater than said first length; wherein the contact areas of the first and third arms are substantially aligned, on a first plane (P1) extending substantially perpendicular to the mating direction; and wherein the contact areas of the second and fourth arms are substantially aligned on a second plane (P2) which is substantially parallel to and offset from the first plane. <IMAGE>

IPC 1-7
H01R 13/115

IPC 8 full level
H01R 13/11 (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP)
H01R 13/113 (2013.01)

Citation (search report)
• [X] EP 0726615 A2 19960814 - OSRAM SYLVANIA INC [US]
• [A] US 5088933 A 19920218 - RIBBECK HORST [DE]

Cited by
GB2404793A; WO2010147722A1; JP2014232576A

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