

Title (en)
RELAY SOCKET

Title (de)
STECKSOCKEL FÜR RELAIS

Title (fr)
SOCLE FEMELLE POUR RELAIS

Publication
EP 0956618 A1 19991117 (DE)

Application
EP 98909292 A 19980128

Priority
• DE 9800249 W 19980128
• DE 19703006 A 19970128

Abstract (en)
[origin: DE19703006A1] The invention relates to a socket for a relay comprising contact chambers (25,26,27) with open insertion slots (15,16,17) on the top side of the base body to accommodate flat pin terminals (5,6,7) and into which contact jacks (35) can be inserted from underneath. Said contact jacks (35) have snap-in pins (39) extending on both sides and which are snapped into the grooves of the contact chambers. The contact chambers (25,26,27) with the inserted contact jacks (35) are narrower than the insertion slots (15,16,17) and are arranged in the form of alternating zigzags in relation to the ends of the insertion slots. The oppositely formed snap-in grooves (40,41) are also arranged as zigzags in the separating walls. In comparison with aligned contact chamber arrangements, the inventive device enables a larger number of standard contact jacks to be inserted in standardized contact chambers in the same amount of space.

IPC 1-7
H01R 13/434

IPC 8 full level
H01R 13/428 (2006.01); **H01R 13/434** (2006.01); **H01R 13/436** (2006.01)

CPC (source: EP KR US)
H01R 13/434 (2013.01 - EP KR US); **H01R 13/4362** (2013.01 - EP US); **H01R 13/4368** (2013.01 - EP US)

Citation (search report)
See references of WO 9833240A1

Cited by
EP0913887A3; CN109920703A

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19703006 A1 19980730; **DE 19703006 C2 19981203**; BR 9806930 A 20000502; DE 59802709 D1 20020221; EP 0956618 A1 19991117; EP 0956618 B1 20011121; ES 2165672 T3 20020316; JP 2001508922 A 20010703; KR 20000070250 A 20001125; US 6191672 B1 20010220; WO 9833240 A1 19980730

DOCDB simple family (application)
DE 19703006 A 19970128; BR 9806930 A 19980128; DE 59802709 T 19980128; DE 9800249 W 19980128; EP 98909292 A 19980128; ES 98909292 T 19980128; JP 53149198 A 19980128; KR 19997006478 A 19990716; US 23032999 A 19990122