

Title (en)  
DERIVATION MONOBLOCK CONNECTOR, IN PARTICULAR FOR LIVE ELECTRICAL LINES

Publication  
**EP 0239428 A3 19880914 (FR)**

Application  
**EP 87400256 A 19870204**

Priority  
FR 8603996 A 19860320

Abstract (en)  
[origin: EP0239428A2] One-part insulation-piercing branch connector comprises a case (10) made of an insulating material of high mechanical strength receiving an electrical connection piece (12) made of a material which is a good conductor of electricity, this connection piece being provided with blades (14, 16) for the piercing of the insulations of, respectively, the main conductor (P) and the branch lines (D) which have to be connected to the main conductor, and housings (21) receiving the branch lines, into which the threaded rods (26) of the clamping screws of the branched lines engage; an insulating and sealing cover (18) for the said case, and a clamping stirrup (20) made of an insulating material being positioned on the said case, the clamping of the said stirrup onto the main conductor in place in the case being provided by a torque-limiting screw (34), the stirrup bearing on a rear surface (44) forming a hinge between the stirrup and the case, and the clamping, onto the branch lines, being carried out with the help of an insulating driving screw (24, 26, 28). <IMAGE>

IPC 1-7  
**H01R 4/24**; **H01R 4/36**; **H01R 4/38**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 4/36** (2006.01); **H01R 4/38** (2006.01)

CPC (source: EP US)  
**H01R 4/2408** (2013.01 - EP US); **H01R 4/36** (2013.01 - EP); **H01R 4/38** (2013.01 - EP)

Citation (search report)  
• [A] EP 0170545 A1 19860205 - SICAME SA [FR]  
• [A] US 3191139 A 19650622 - ALOIS SCHIFFMANN  
• [A] EP 0067917 A1 19821229 - MARS ALCATEL [FR]  
• [A] DE 3032080 A1 19820311 - HUANG LIU LIAN  
• [A] FR 2493612 A1 19820507 - MATERIEL ELECT STE INDLE [FR]  
• [A] GB 665544 A 19520123 - GORDON SPENCER MARSTON, et al  
• [A] FR 2498016 A2 19820716 - VERLANT BEAURAIN [FR]

Cited by  
DE102019110675A1; GB2266416A; FR2746220A1; FR2729506A1; GB2277208A; GB2277208B; EP0863572A3; US2022196062A1; EP0356329A1; FR2635615A1; US4964813A; FR2607881A2; AU619581B2

Designated contracting state (EPC)  
AT BE DE ES IT NL

DOCDB simple family (publication)  
**EP 0239428 A2 19870930**; **EP 0239428 A3 19880914**; FR 2596209 A1 19870925; FR 2596209 B1 19890616; PT 84525 A 19870401; PT 84525 B 19890731

DOCDB simple family (application)  
**EP 87400256 A 19870204**; FR 8603996 A 19860320; PT 8452587 A 19870319