

Title (en)  
FILTERED ELECTRICAL DEVICE AND METHOD FOR MAKING SAME

Publication  
**EP 0294433 B1 19930310 (EN)**

Application  
**EP 88900408 A 19871127**

Priority  
US 94647686 A 19861224

Abstract (en)  
[origin: WO8805218A1] A filtered electrical device (10) for being secured externally to an electrical article such as an electrical connector and electrically engageable to circuit paths thereof comprises a plurality of contact members (12), a housing member (40) having a plurality of filter receiving apertures (48) therein, a plurality of filter members (54) disposed in the apertures (48) and electrically connected to the contact members (12) and a ground means. The contact members (12) have first and second contact portions (14, 24), the first contact portions (14) being secured in the housing (40) and engageable with corresponding contact sections of the electrical article to which the filtering device (10) is secured. The second contact portions (24) are exposed along a bottom surface (50) of respective apertures (48) and are paired with and spaced from third contact portions (30) which are also exposed along a bottom aperture surface (50). Ground means include a bus means (34) secured in the housing (40) and extending outwardly from third contact sections (30). Filter members (54) are electrically engaged to respective pairs of second and third contact portions (14, 24). The device (10) can be manufactured in a continuous form by stamping a series of contact means in a strip (58) of metal, insert molding housing member (40) the desired length around a plurality of the contact means (70) to form a series of severable lead frames (60), placing filter members (54) in the filter receiving apertures (48), and severing individual devices (10). Alternatively, the strip of devices (10) can be stored in reel form until they are to be used.

IPC 1-7  
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IPC 8 full level  
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