

Title (en)

Filter connector.

Title (de)

Steckverbinder mit eingebautem Filter.

Title (fr)

Connecteur à filtre incorporé.

Publication

EP 0123457 A1 19841031 (EN)

Application

EP 84302143 A 19840329

Priority

US 48059383 A 19830330

Abstract (en)

A filter connector (8) for attenuating electromagnetic interference up to 1000 MHz having a housing (10), a filter element (16) enclosed within the housing (10) and electrically conductive pins (18) mounted within the filter element (16). The filter element (16) contains an alumina substrate (42) with thick film layers (44, 50) of a metallization forming pin and ground electrodes, and a dielectric layer (46, 48) separating the electrodes screen printed over the substrate and a glass encapsulant (52, 54). The ground electrode (44) substantially covers a horizontal surface of the substrate (42).

IPC 1-7

H01R 13/66; **H03H 1/00**

IPC 8 full level

H01R 13/66 (2006.01); **H01R 13/719** (2006.01); **H03H 1/00** (2006.01)

CPC (source: EP KR)

H01R 13/7195 (2013.01 - EP KR)

Citation (search report)

- [A] DE 2600320 A1 19760715 - BUNKER RAMO
- [A] DE 3016315 A1 19811105 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] DE 2925374 A1 19800110 - TAIYO YUDEN KK

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0123457 A1 19841031; **EP 0123457 B1 19871209**; AT E31372 T1 19871215; AU 2628484 A 19841004; AU 565595 B2 19870924; BR 8401386 A 19841106; CA 1216033 A 19861230; DE 3468079 D1 19880121; JP H0695464 B2 19941124; JP S59184479 A 19841019; KR 840008227 A 19841213; KR 890004204 B1 19891027; MX 159641 A 19890720

DOCDB simple family (application)

EP 84302143 A 19840329; AT 84302143 T 19840329; AU 2628484 A 19840330; BR 8401386 A 19840326; CA 450908 A 19840329; DE 3468079 T 19840329; JP 5967384 A 19840329; KR 840001644 A 19840329; MX 20083484 A 19840329