

Title (en)

Signal separating device with coil construction

Title (de)

Signaltrennungsvorrichtung mit Spulenkonstruktion

Title (fr)

Dispositif de séparation de signal à construction de bobine

Publication

EP 0805505 B1 20030723 (EN)

Application

EP 97111214 A 19930308

Priority

- EP 93905538 A 19930308
- GB 9207620 A 19920408

Abstract (en)

[origin: GB2266193A] A bifilar coil construction is used for isolating radio signals picked up by a motor vehicle window heating element from the power supply circuit for the heating element. The coil construction has two separate windings (9, 10) which are arranged bodily alongside each other. In one embodiment there is an inner cylindrical winding (9) within and in contact with an outer cylindrical winding (10), and a two part pot core (15, 16) is clamped within and around the windings (9, 10).

IPC 1-7

H01Q 1/12

IPC 8 full level

H01Q 1/50 (2006.01); **H01F 17/04** (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/32** (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP KR US)

H01Q 1/12 (2013.01 - KR); **H01Q 1/1278** (2013.01 - EP US); **H01Q 7/00** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

GB 2266193 A 19931020; **GB 2266193 B 19960925**; **GB 9304928 D0 19930428**; BR 9306211 A 19980623; CA 2133747 A1 19931028; CA 2133747 C 20021224; DE 69319724 D1 19980820; DE 69319724 T2 19990318; DE 69333119 D1 20030828; DE 69333119 T2 20040506; EP 0635165 A1 19950125; EP 0635165 B1 19980715; EP 0805505 A2 19971105; EP 0805505 A3 19971119; EP 0805505 B1 20030723; GB 9207620 D0 19920527; JP 3580813 B2 20041027; JP H07505747 A 19950622; KR 100235574 B1 19991215; KR 950701145 A 19950220; SG 44559 A1 19971219; US RE37835 E 20020910; WO 9321668 A1 19931028

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GB 9304928 A 19930305; BR 9306211 A 19930308; CA 2133747 A 19930308; DE 69319724 T 19930308; DE 69333119 T 19930308; EP 93905538 A 19930308; EP 97111214 A 19930308; GB 9207620 A 19920408; GB 9300481 W 19930308; JP 51807393 A 19930308; KR 19940703572 A 19941008; SG 1996002234 A 19930305; US 43218499 A 19991102