

Title (en)  
Low noise relay

Title (de)  
Schallreduziertes Relais

Title (fr)  
Relais à faible bruit

Publication  
**EP 0945882 A3 20001025 (DE)**

Application  
**EP 99105690 A 19990319**

Priority  
DE 19813530 A 19980326

Abstract (en)  
[origin: EP0945882A2] The relay has an inner housing (1) where inner connectors (3) exit through an inner connector side (2). The relay also has an outer housing (4,5) with external connectors (7) passing through an external connector side (6) opposite the inner connector side (2). Flexible connection leads (8) extend between the respective side walls of the inner housing (1) and the outer housing (4,5) and connect the inner connectors with respective external connectors. An intermediate cap (10) of flexible plastic is fitted over the inner housing (1) and the connection leads (8). The plastic cap, together with the connection leads (8) separates the inner housing (1) on all sides from the outer housing (4,5).

IPC 1-7  
**H01H 50/30**

IPC 8 full level  
**H01H 50/02** (2006.01); **H01H 50/14** (2006.01); **H01H 50/30** (2006.01)

CPC (source: EP US)  
**H01H 50/305** (2013.01 - EP US); **H01H 2009/0278** (2013.01 - EP US)

Citation (search report)

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- [DY] PATENT ABSTRACTS OF JAPAN vol. 015, no. 334 (E - 1104) 26 August 1991 (1991-08-26)
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 428 (E - 1128) 30 October 1991 (1991-10-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 593 (E - 1454) 28 October 1993 (1993-10-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 089 (E - 1323) 22 February 1993 (1993-02-22)

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**EP 0945882 A2 19990929; EP 0945882 A3 20001025; EP 0945882 B1 20061227**; DE 19813530 A1 19991007; DE 59914083 D1 20070208; JP H11312450 A 19991109; US 6236575 B1 20010522

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