

Title (en)  
ELECTROMAGNETIC RELAY AND PROCESS FOR PRODUCING THE SAME

Title (de)  
ELEKTROMAGNETISCHES RELAIS UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
RELAIS ELECTROMAGNETIQUE ET SON PROCEDE DE FABRICATION

Publication  
**EP 0914665 B1 20000126 (DE)**

Application  
**EP 97931621 A 19970617**

Priority  
• DE 9701230 W 19970617  
• DE 19627844 A 19960710

Abstract (en)  
[origin: US6252479B1] The relay comprises a first housing part in which a coil having a U-shaped core is embedded, as well as a second housing part in which at least one spring support as well as at least one mating contact element are anchored. A contact spring with a flat armature is attached to the spring support. The relay is adjusted and additionally sealed by joining the two half-shells.

IPC 1-7  
**H01H 50/02**; **H01H 50/04**

IPC 8 full level  
**H01H 49/00** (2006.01); **H01H 50/02** (2006.01); **H01H 50/04** (2006.01); **H01H 50/14** (2006.01); **H01H 50/24** (2006.01); **H01H 50/58** (2006.01)

CPC (source: EP KR US)  
**H01H 49/00** (2013.01 - EP US); **H01H 50/02** (2013.01 - EP KR US); **H01H 50/14** (2013.01 - EP US)

Cited by  
ES2155383A1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI

DOCDB simple family (publication)  
**US 6252479 B1 20010626**; AT E189334 T1 20000215; DE 19627844 C1 19970828; DE 59701074 D1 20000302; EP 0914665 A1 19990512; EP 0914665 B1 20000126; JP 2000514235 A 20001024; KR 20000023651 A 20000425; WO 9801880 A1 19980115

DOCDB simple family (application)  
**US 21473199 A 19990111**; AT 97931621 T 19970617; DE 19627844 A 19960710; DE 59701074 T 19970617; DE 9701230 W 19970617; EP 97931621 A 19970617; JP 50463898 A 19970617; KR 19997000104 A 19990108