

Title (en)
KEY PROVIDED WITH BUILT-IN TRANSMITTER ELEMENT AND KEY BODY

Title (de)
SCHLÜSSEL MIT EINGEBAUTEM SENDER UND SCHLÜSSELKÖRPER

Title (fr)
CLEF A EMETTEUR INTEGRE ET CORPS DE CLE

Publication
EP 0771919 B1 20030423 (EN)

Application
EP 95918756 A 19950519

Priority

- JP 9500970 W 19950519
- JP 11572994 A 19940527
- JP 11573094 A 19940527
- JP 15125294 A 19940701
- JP 27636694 A 19941110

Abstract (en)
[origin: WO9533115A1] A transmitter element (18) is insert molded into a resin container (16), and the container (16) is mounted to a base portion (12B) of a key body (12). Then, a soft resin envelope (34) is integrally formed on the outer peripheries of the container (16) and the base portion (12B) to form a key knob (14). The transmitter element (18) is securely mounted to the base portion (12B) through the container (16) so as to be protected against external forces acting on the key knob (14).

IPC 1-7
E05B 19/00; **E05B 49/00**; **E05B 19/04**

IPC 8 full level
E05B 19/04 (2006.01); **E05B 19/06** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP KR)
E05B 19/00 (2013.01 - KR); **E05B 19/04** (2013.01 - EP); **E05B 49/00** (2013.01 - KR); **G07C 9/00944** (2013.01 - EP)

Cited by
FR2942836A1; EP2474952A3; CN102587725A; EP1083278A1; FR2798417A1; CN102918569A; WO2009130683A3; WO03095772A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9533115 A1 19951207; AU 2455495 A 19951221; AU 708146 B2 19990729; DE 69530489 D1 20030528; DE 69530489 T2 20031030; EP 0771919 A1 19970507; EP 0771919 A4 19970924; EP 0771919 B1 20030423; KR 100234566 B1 19991215; KR 970703477 A 19970703

DOCDB simple family (application)
JP 9500970 W 19950519; AU 2455495 A 19950519; DE 69530489 T 19950519; EP 95918756 A 19950519; KR 19960706692 A 19961126