

Title (en)
Guide assembly to pull out a drawer

Title (de)
Führungsanordnung zum Herausziehen eines Schubkastens

Title (fr)
Assemblage de guidage pour le coulissement d'un tiroir

Publication
EP 0856268 B1 20000816 (DE)

Application
EP 97101164 A 19970125

Priority
EP 97101164 A 19970125

Abstract (en)
[origin: EP0856268A1] The guide system to withdraw a sliding drawer, especially under a vehicle seat, has a guide bar (2) with a core of hard plastics and a shrouding of a material which slides well. The shrouding material is of polyamide molybdenum sulphide or polyamide with graphite. The guide bar (2) is produced by twin-component injection moulding. The locking spring (5) force can be increased by a foam insert.

IPC 1-7 (main, further and additional classification)
A47B 88/04; F16C 33/20

IPC 8 full level (invention and additional information)
A47B 88/04 (2006.01)

CPC (invention and additional information)
A47B 88/402 (2017.01)

Designated contracting state (EPC)
DE ES FR GB IT PT SE

EPO simple patent family
EP 0856268 A1 19980805; EP 0856268 B1 20000816; DE 59702199 D1 20000921; ES 2151688 T3 20010101; PT 856268 E 20010228

INPADOC legal status

2009-09-30 [PG25 IT] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : IT
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20070125

2008-10-31 [PGFP GB] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : GB
- Payment date : 20060209
- Year of fee payment : 10

2008-07-31 [PG25 ES] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : ES
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20070126

2008-04-30 [PG25 FR] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : FR
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20070131

2008-04-16 [REG ES FD2A] ANNOUNCEMENT OF LAPSE IN SPAIN

- Effective date : 20070126

2007-11-24 [PG25 GB] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : GB
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20070125

2007-11-09 [REG FR ST] NOTIFICATION OF LAPSE

- Effective date : 20070930

2007-09-26 [GBPC] GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE

- Effective date : 20070125

2006-02-27 [PGFP FR] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : FR
- Payment date : 20060227

- Year of fee payment : 10

2006-02-07 [PGFP ES] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : ES
- Payment date : 20060207
- Year of fee payment : 10

2006-01-31 [PGFP IT] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : IT
- Payment date : 20060131
- Year of fee payment : 10

2005-09-30 [REG PT MM4A] ANNULMENT/LAPSE DUE TO NON-PAYMENT OF FEES, SEARCHED AND EXAMINED PATENT

- Effective date : 20050725

2005-08-30 [EUG] SE: EUROPEAN PATENT HAS LAPSED

2005-08-02 [PG25 DE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : DE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20050802

2005-07-25 [PG25 PT] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : PT
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20050725

2005-01-26 [PG25 SE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO

- Ref Country Code : SE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20050126

2004-02-26 [PGFP DE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : DE
- Payment date : 20040226
- Year of fee payment : 8

2004-01-16 [PGFP SE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : SE
- Payment date : 20040116
- Year of fee payment : 8

2003-12-12 [PGFP PT] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE

- Ref Country Code : PT
- Payment date : 20031212
- Year of fee payment : 8

2002-01-01 [REG GB IF02] EUROPEAN PATENT IN FORCE AS OF 2002-01-01

2001-08-01 [26N] NO OPPOSITION FILED

2001-02-28 [REG PT SC4A] TRANSLATION IS AVAILABLE

- Free text : AVAILABILITY OF NATIONAL TRANSLATION
- Effective date : 20001115

2001-01-01 [REG ES FG2A] DEFINITIVE PROTECTION

- Document : ES 2151688 T3

2000-11-10 [ITF] IT: TRANSLATION FOR A EP PATENT FILED

- Owner name : DATA SOLLECITO LETT. INC.:16/03/2001;DE DOMINICIS

2000-10-27 [ET] FR: TRANSLATION FILED

2000-09-21 [REF] CORRESPONDS TO:

- Document : DE 59702199 20000921

2000-09-06 [GBT] GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)

- Effective date : 20000816

2000-08-16 [AK] DESIGNATED CONTRACTING STATES:

- Kind Code of Ref Document : B1
- Designated State(s) : DE ES FR GB IT PT SE

1999-06-02 [RBV] DESIGNATED CONTRACTING STATES (CORRECTION)

- Designated State(s) : DE ES FR GB IT PT SE

1999-04-21 [AKX] PAYMENT OF DESIGNATION FEES

- Free text : AT BE CH DE DK ES FI LI

1999-04-21 [RBV] DESIGNATED CONTRACTING STATES (CORRECTION)

- Designated State(s) : AT BE CH DE DK ES FI LI

1998-08-05 [17P] REQUEST FOR EXAMINATION FILED

- Effective date : 19971029

1998-08-05 [AK] DESIGNATED CONTRACTING STATES:

- Kind Code of Ref Document : A1

- Designated State(s) : DE ES FR GB IT PT SE