

Title (en)
SLIDE HINGE AND CABINET

Title (de)
GLEITSCHARNIER UND SCHRANK

Title (fr)
CHARNIÈRE COULISSANTE ET ARMOIRE

Publication
EP 3450666 A1 20190306 (EN)

Application
EP 18189307 A 20180816

Priority
JP 2017164880 A 20170829

Abstract (en)
To provide a slide hinge configured such that a coupling case can be attached to a honeycomb board in a single operation, wherein a fear of problems in terms of strength is eliminated, even if a coupling case composed of the coupling case and the attaching means are made of synthetic resin, as well as a cabinet using such a slide hinge, the slide hinge comprises a slide hinge main body attached to a cabinet main body, a coupling case inserted into and fixed to an attaching hole provided on a door, and a coupling piece for openably and closably coupling the cabinet main body and the coupling case via a hinge pin, wherein an attaching means capable of attaching the coupling case to the door even without using attaching screws is provided. The slide hinge further comprises diameter enlarging means provided in each of the attaching case portions, wherein a reinforcing frame body is provided by inserting the hinge pin at a spot to which the hinge pin is attached.

IPC 8 full level
E05D 5/02 (2006.01); **E05D 3/14** (2006.01); **E05D 9/00** (2006.01)

CPC (source: EP)
E05D 5/0276 (2013.01); **E05D 3/142** (2013.01); **E05D 9/005** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2600/502** (2013.01); **E05Y 2600/504** (2013.01); **E05Y 2800/682** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)
• JP 2003000367 A 20030107 - SEKISUI CHEMICAL CO LTD
• JP 3090408 U 20021213
• JP 2014088755 A 20140515 - KATO ELECTRIC & MACHINARY CO, et al

Citation (search report)
• [Y] US 2014096343 A1 20140410 - MOTOSUGI HIDEKI [JP], et al
• [Y] US 4270240 A 19810602 - ZERNIG ERNST, et al

Cited by
WO2021173090A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3450666 A1 20190306; **EP 3450666 B1 20240117**; JP 2019044342 A 20190322; JP 7244892 B2 20230323

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EP 18189307 A 20180816; JP 2017164880 A 20170829