

Title (en)  
LIFTING CABINET

Title (de)  
HEBESCHRANK

Title (fr)  
COFFRET ELEVATEUR

Publication  
**EP 1692967 A4 20080305 (EN)**

Application  
**EP 04818476 A 20041110**

Priority  
• JP 2004016641 W 20041110  
• JP 2003386867 A 20031117

Abstract (en)  
[origin: EP1692967A1] A storage box 3 is provided so as to be movable with respect to a cabinet support frame 2. A base section 11 is provided so as to be vertically movable with respect to the cabinet support frame 2 by operation of a motor 6. A sensor means 19 is provided between the base section 11 and the storage box 3. The sensor means 19 detects the position of the storage box 3 with respect to the base section 11; if the detected value departs greatly from the value before the motor started, contact of the storage box 3 with an intervening object is recognized and driving of the motor 6 is stopped.

IPC 8 full level  
**A47B 51/00** (2006.01); **A47B 67/04** (2006.01); **A47B 77/04** (2006.01)

CPC (source: EP KR)  
**A47B 51/00** (2013.01 - EP KR); **A47B 67/00** (2013.01 - KR); **A47B 67/04** (2013.01 - EP KR); **A47B 77/04** (2013.01 - KR)

Citation (search report)  
• [A] JP H0614816 A 19940125 - LIFE TECH KENKYUSHO  
• [A] JP H07313274 A 19951205 - FUJITA CORP  
• [A] JP H11206477 A 19990803 - YAMAHA LIVING TEC  
• See references of WO 2005046393A1

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EP3066956A1; AT514743A1; NL2011606C2; AT514743B1; US8056991B2; US8485618B2; WO2010006346A3; WO2010130570A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1692967 A1 20060823; EP 1692967 A4 20080305; EP 1692967 B1 20110518**; AT E509549 T1 20110615; CN 100455233 C 20090128; CN 1878487 A 20061213; HK 1094412 A1 20070330; JP 2005143897 A 20050609; JP 4235534 B2 20090311; KR 101118001 B1 20120224; KR 20060107533 A 20061013; WO 2005046393 A1 20050526

DOCDB simple family (application)  
**EP 04818476 A 20041110**; AT 04818476 T 20041110; CN 200480033170 A 20041110; HK 07101389 A 20070206; JP 2003386867 A 20031117; JP 2004016641 W 20041110; KR 20067009555 A 20041110