

Title (en)

Device for easier defrosting of refrigerating apparatuses, particularly of air coolers

Title (de)

Vorrichtung zum leichteren Abtauen von kältetechnischen Apparaten, insbesondere von Luftkühlern

Title (fr)

Dispositif pour un dégivrage plus facile d'appareils frigorifiques, en particulier de refroidisseurs d'air

Publication

**EP 1215457 A3 20020724 (DE)**

Application

**EP 01127874 A 20011122**

Priority

DE 10061999 A 20001213

Abstract (en)

[origin: EP1215457A2] The system is designed with a rotary joint (11), which has a central axis (20) of rotation connected rotation proof with one (12) of the lever arms, which is rotatable by means of a servo motor (21) fixed at the other lever arm (13) in such a manner. That the full adjusting power of the servo motor is transmittable on both lever arms (12,13), over the entire opening range of the knee lever (10).

IPC 1-7

**F25D 21/06**; E05F 15/12

IPC 8 full level

**E05F 15/12** (2006.01); **E05F 15/63** (2015.01); **F25D 21/06** (2006.01); **F25D 21/12** (2006.01); **E05D 15/46** (2006.01); **F24F 13/14** (2006.01); **F25B 39/02** (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP)

**E05F 15/63** (2015.01); **F25D 21/06** (2013.01); **F25D 21/12** (2013.01); **E05D 15/463** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/31** (2013.01); **F24F 2013/1473** (2013.01); **F25B 39/02** (2013.01); **F25D 17/045** (2013.01)

Citation (search report)

- [DY] DE 3118600 A1 19821125 - GRUENZWEIG & HARTMANN MONTAGE [DE]
- [Y] DE 2923421 A1 19801211 - GAIL JOSEF
- [A] FR 2569222 A1 19860221 - SAPA SARL [FR]
- [A] DE 29513302 U1 19951116 - STOEHR INGBUERO GMBH [DE]

Cited by

CN107560285A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1215457 A2 20020619**; **EP 1215457 A3 20020724**; **EP 1215457 B1 20040407**; AT E263950 T1 20040415; DE 10061999 C1 20021024; DE 50101897 D1 20040513; DK 1215457 T3 20040726

DOCDB simple family (application)

**EP 01127874 A 20011122**; AT 01127874 T 20011122; DE 10061999 A 20001213; DE 50101897 T 20011122; DK 01127874 T 20011122