

Title (en)

Vibration damping system for electrical pump motor

Title (de)

Anordnung zur Dämpfung der von einem Motor ausgehenden Schwingungen

Title (fr)

Dispositif d'amortissement de vibrations pour le moteur d'une pompe

Publication

**EP 1215395 A3 20040102 (DE)**

Application

**EP 01126808 A 20011109**

Priority

DE 10062368 A 20001214

Abstract (en)

[origin: EP1215395A2] Arrangement for damping vibrations produced by a motor (1) comprises free-swinging devices attached concentrically to the axis of an armature (2) of the motor. An Independent claim is also included for a dishwasher comprising the above arrangement. Preferred Features: The free-swinging devices consist of at least one mass element (3) coupled to the motor concentrically to the axis of an armature of the motor via at least one elastic connecting part (4). Several mass elements are connected to each other by at least one elastic connecting part in each case.

IPC 1-7

**F04B 39/00**; **F04D 29/66**

IPC 8 full level

**F04B 39/00** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

**F04B 39/0088** (2013.01); **F04D 29/669** (2013.01)

Citation (search report)

- [XY] US 4453693 A 19840612 - KRUX PETER [DE]
- [Y] US 2934297 A 19600426 - JOSEPH MITZL
- [Y] EP 0698750 A1 19960228 - WHIRLPOOL CO [US], et al
- [X] US 2237916 A 19410408 - KARL SCHWARZ, et al
- [X] US 3465182 A 19690902 - CHURCH RALPH E, et al

Cited by

CN109104036A; CN104083124A; CN110112855A; FR3062971A1; WO2018146424A1

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 1215395 A2 20020619**; **EP 1215395 A3 20040102**; DE 10062368 A1 20020620

DOCDB simple family (application)

**EP 01126808 A 20011109**; DE 10062368 A 20001214