

Title (en)

SOLID-STATE ACTUATOR DRIVE APPARATUS AND METHOD FOR DRIVING A SOLID-STATE ACTUATOR DRIVE APPARATUS

Title (de)

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Title (fr)

DISPOSITIF D'ENTRAÎNEMENT D'ACTIONNEUR DE CORPS FIXE OU PROCÉDÉ POUR ENTRAÎNER UN DISPOSITIF D'ENTRAÎNEMENT D'ACTIONNEUR DE CORPS FIXE

Publication

EP 2027612 A1 20090225 (DE)

Application

EP 07729794 A 20070601

Priority

- EP 2007055393 W 20070601
- DE 102006027385 A 20060613

Abstract (en)

[origin: WO2007144275A1] The invention relates to a solid-state actuator drive apparatus comprising a drive body (1), a drive body opening (2) in the drive body, a first shaft (3) at least leading into the drive body opening, solid-state actuators (4, 5) for driving the drive body to effect a translational movement that causes the shaft to rotate, and a control device (15) for controlling the solid-state actuators, wherein the solid-state actuators are arranged with their longitudinal axes in the respective contraction and/or expansion direction at an angle of 45° or less with respect to one another. In other words, even in the case of configurations of more than two solid-state actuators, the arrangement of the solid-state actuators relative to one another can be chosen such that the longitudinal axes of all the solid-state actuators are preferably arranged axially parallel to one another or at a predetermined maximum angle relative to one another.

IPC 8 full level

H10N 30/20 (2023.01)

CPC (source: EP)

H02N 2/105 (2013.01)

Cited by

EP0294783B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006027385 A1 20071227; EP 2027612 A1 20090225; WO 2007144275 A1 20071221

DOCDB simple family (application)

DE 102006027385 A 20060613; EP 07729794 A 20070601; EP 2007055393 W 20070601