

Title (en)
ACTUATOR

Title (de)
AKTUATOR

Title (fr)
ACTIONNEUR

Publication
EP 3225770 B1 20190313 (EN)

Application
EP 16460017 A 20160330

Priority
EP 16460017 A 20160330

Abstract (en)
[origin: EP3225770A1] An actuator comprises a cylinder (5) with a member fixing the cylinder to a bracket (6) which is a fixed part of a structure whose movable part is controlled by the actuator. The actuator (2) comprises a movable piston rod (4) with a member fixing the piston rod (4) to a movable part of a structure. The cylinder (5) comprises a clamp (7) tightened around the cylinder (5), wherein the clamp (7) is equipped with a connector (8). The clamp (7) is a fitting with a hole (13) with the inner cross-section corresponding to the external cross-section of the cylinder (5). The clamp comprises on one side a slot (14) with holes (15) for clamping screws (16). On the opposite side to the slot (14) the clamp (7) comprises a member fixing (17) to the clamp (7) the connector (8) which connects the clamp (7) with a fixed part of a structure in the form of a bracket (6). The fixing member (17) comprises a projection of the clamp (7) connected with the bracket (6) by means of the connector (8). The connector (8) comprises a segment of a channel section which is attached from one side to the clamp (7), and from the other the connector (8) is attached to the bracket (6).

IPC 8 full level
E05F 15/53 (2015.01); **E05F 1/00** (2006.01); **E05F 15/616** (2015.01); **E05F 15/622** (2015.01)

CPC (source: EP)
E05F 1/006 (2013.01); **E05F 15/53** (2015.01); **E05F 15/616** (2015.01); **E05F 15/622** (2015.01); **E05F 15/63** (2015.01); **E05Y 2201/454** (2013.01); **E05Y 2201/456** (2013.01); **E05Y 2600/502** (2013.01); **E05Y 2600/626** (2013.01); **E05Y 2900/11** (2013.01); **E05Y 2900/148** (2013.01)

Citation (opposition)
Opponent : GEZE GmbH
• US 4850094 A 19890725 - LYBECKER ROBERT W [US]
• DE 4403973 A1 19950810 - BEIKIRCH DIETER DIPL ING [DE]
• DE 102011116948 B3 20130404 - HYDAC ACCESSORIES GMBH [DE]
• DE 20209784 U1 20021031 - RASMUSSEN GMBH [DE]
• US 4534278 A 19850813 - SPILDE RODNEY L [US]
• EP 0692640 A2 19960117 - RASMUSSEN KANN IND AS [DK]
• EP 0632181 A1 19950104 - HAUTAU GMBH W [DE]

Cited by
CN111734276A; EP3336293B1

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

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