Title (en)
CAM DRIVE FOR ACTUATING A SELECTOR SHAFT

Title (de)
KURVENGETRIEBE FÜR DIE BETÄTIGUNG EINER SCHALTWELLE

Title (fr)
MÉCANISME À CAME POUR L'ACTIONNEMENT D'UN ARBRE DE COMMANDE

Publication
EP 3123060 A1 20170201 (DE)

Application
EP 15711041 A 20150224

Priority
• DE 102014205659 A 20140326
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Abstract (en)
[origin: WO2015144147A1] A single-motor transmission actuator, that is to say a transmission actuator with precisely one motor, in particular an electric motor, has two transmission assemblies. In the first transmission assembly, the motor and an electronic unit which actuates the latter are arranged, while in the second transmission assembly an actuator unit which comprises a spindle drive and a cam mechanism is arranged. The actuator unit is designed to selectively carry out a shifting or selection process in a manual transmission, in particular in a motor vehicle. The two transmission assemblies are operatively connected to one another by two shafts, specifically a drive shaft and a measuring shaft, wherein the drive shaft constitutes an input shaft both of the spindle drive and of the cam mechanism, and the measuring shaft is provided for sensing a state of an element, in particular an intermediate gear wheel, which is operatively connected to the cam mechanism and at the same time is provided for interacting with a sensor which forms a component of the electronic unit.

IPC 8 full level
F16H 61/28 (2006.01); **F16H 61/32** (2006.01)

CPC (source: CN EP KR US)
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Citation (search report)
See references of WO 2015144152A1

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WO 2015144147 A1 20151001; CN 106104100 A 20161109; CN 106104100 B 20180206; CN 106133402 A 20161116;
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CN 106133408 A 20161116; CN 106133408 B 20180126; DE 112015001393 A5 20161208; DE 112015001414 A5 20161208;
DE 112015001417 A5 20161208; DE 112015001436 A5 20161208; DE 112015001447 A5 20161222; EP 3123060 A1 20170201;
EP 3123061 A1 20170201; EP 3123062 A1 20170201; EP 3123062 B1 20200603; JP 2017508935 A 20170330; JP 2017508936 A 20170330;
JP 2017512950 A 20170525; JP 2017512951 A 20170525; JP 6509250 B2 20190508; JP 6509251 B2 20190508; JP 6559155 B2 20190814;
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