

Title (en)  
ELECTRIC STEPPER MOTOR

Title (de)  
ELEKTROSCHRITTMOTOR

Title (fr)  
MOTEUR ELECTRIQUE PAS-A-PAS

Publication  
**EP 3172816 A1 20170531 (FR)**

Application  
**EP 15738095 A 20150715**

Priority  
• EP 14178009 A 20140722  
• EP 2015066219 W 20150715

Abstract (en)  
[origin: WO2016012329A1] The invention relates to an electric stepper motor having at least two electric phases, including a stator (2) having a plurality of magnetic stator poles (P) for each electric phase. The stator includes a magnetic armature (6) comprising a plurality of coil cores (14) and a plurality of coils (8, 9) for each electric phase, which coils are mounted on the coil cores. Each coil defines one of said magnetic poles of the stator. The plurality of coils of each electric phase are formed from at least two conductive wires (11, 21, 31, 41) which are connected in parallel. One or more coils includes one of the conductive wires and one or more other coils comprise the other one of said conductive wires.

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**H02K 3/28** (2013.01); **H02K 3/522** (2013.01); **H02K 37/14** (2013.01); **H02K 37/18** (2013.01)

Citation (search report)  
See references of WO 2016012329A1

Citation (examination)  
• WO 2014083947 A1 20140605 - MITSUBA CORP [JP]  
• US 2013043759 A1 20130221 - FARGO VINCENT P [US], et al

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DOCDB simple family (publication)  
**EP 2978105 A1 20160127**; EP 3172816 A1 20170531; WO 2016012329 A1 20160128

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