

Title (en)
MOTOR AND MOTOR CONTROL CIRCUIT

Title (de)
MOTOR UND MOTORSTEUERUNGSSCHALTUNG

Title (fr)
MOTEUR ET CIRCUIT DE COMMANDE DE MOTEUR

Publication
EP 3317945 A1 20180509 (EN)

Application
EP 16857790 A 20161020

Priority

- JP 2015208411 A 20151022
- JP 2015249980 A 20151222
- JP 2015250005 A 20151222
- JP 2016044863 A 20160308
- KR 20160106702 A 20160823
- JP 2016168884 A 20160831
- JP 2016202117 A 20161013
- KR 2016011830 W 20161020

Abstract (en)
[origin: JP2018042445A] PROBLEM TO BE SOLVED: To eliminate necessity of an insulator between stator elements 3 in a single-phase claw-pole motor 100 configured by laminating a plurality of stator elements 3. SOLUTION: A stator 20 includes a plurality of laminated stator elements 3, and each of the stator elements 3 includes a plurality of claw magnetic poles 43a, 43b formed along a circumferential direction and a coil 4c wound in a the circumferential direction. The coils 4c of the adjacent stator elements 3 are wound in mutually reverse directions, and the adjacent stator elements 3 are configured so that the claw magnetic poles 43a, 43b of one stator element 3 and the claw magnetic poles 43a, 43b of the other stator element 3 are opposed to each other and have the same polarity. SELECTED DRAWING: Figure 3

IPC 8 full level
H02K 1/14 (2006.01); **H02K 3/52** (2006.01)

CPC (source: EP US)
H02K 1/145 (2013.01 - EP US); **H02K 21/145** (2013.01 - EP)

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