

Title (en)

ELECTROMAGNETIC ASSEMBLY OF POLYPHASE STRUCTURE

Title (de)

ELEKTROMAGNETISCHE ANORDNUNG MIT MEHRPHASIGER STRUKTUR

Title (fr)

ENSEMBLE ÉLECTROMAGNÉTIQUE À STRUCTURE POLYPHASÉE

Publication

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Application

EP 17828927 A 20171227

Priority

- FR 1663405 A 20161227
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Abstract (en)

[origin: WO2018122255A1] The present invention relates to an electromagnetic assembly (1) of polyphase structure, said assembly including: a yoke (5) comprising an electromagnetic body; a plurality of spaced-apart blocks (50) that protrude with respect to one of the carrier faces (5A, 5B) of the yoke (5) and that are arranged, consecutively, along the periphery of the carrier face (5A, 5B) of the yoke (5); and at least one winding (6) that is associated with the blocks (50), wherein there is only one yoke (5), the plurality of blocks (50) is arranged in at least two groups of blocks (A, B, C) in which two consecutive blocks (50) of a given group of blocks (A, B, C) are spaced apart by an inter-block distance (E), and each group of blocks (A, B, C) is separated from the adjacent group of blocks (A, B, C) by an inter-group distance (D) that is different from the inter-block distance (E).

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2018122255A1

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