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(54) **ARMATURE ASSEMBLIES FOR  
GENERATORS AND ASSEMBLY METHODS**

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(57) **ABSTRACT**

The present disclosure relates to armature assemblies for assembling a permanent magnet electrical machine and to methods for assembling a permanent magnet electrical machine. An armature assembly comprises an armature with a plurality of coils. The armature assembly further comprises a power source and a control system configured to selectively feed the plurality of coils when one of a field comprising one or more permanent magnets and the armature approaches the other of the field and the armature during an assembly of a permanent magnet electrical machine. A permanent magnet electrical machine may be a permanent magnet generator for a wind turbine, and in particular for a direct-drive wind turbine.

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