

Title (en)
Concentric drive shafts

Title (de)
Konzentrische Antriebswellen

Title (fr)
Arbres d'entraînement concentriques

Publication
EP 2960148 B1 20160817 (EN)

Application
EP 14173593 A 20140624

Priority
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Abstract (en)
[origin: EP2960148A1] An improved drive shaft (2) is described. The drive shaft (2) includes an inner shaft (4) having a first end (4a) that is adapted to be connectable to a first connecting shaft (14) that is rotated by torque applied by an external electrical machine, and a second end (4b) that is adapted to be connectable to a second connecting shaft (22). A hollow outer shaft (6), coaxial with the inner shaft (4), defines at least part of a rotor assembly (40) of an associated electrical machine (38). The outer shaft (6) is adapted to be releasably connected to the inner shaft (4) so that the drive shaft (2) is selectively configurable in a first arrangement for normal operating conditions where the outer shaft (6) is connected to the inner shaft (4) for rotation therewith, and a second arrangement where the outer shaft (6) is not connected to the inner shaft (4).

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