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(54) **Slipring with Active Cooling**

(57) A slipring assembly comprises a slipring module (10) having at least one slipring track (17,18,19), which is in electrical contact with at least one slipring brush (21,22). The slipring module comprises an isolating body (13) holding the at least one slipring track (17,18,19). Furthermore a cooling element (60) is embedded into or

attached to the slipring module (10) to remove heat from the slipring module (10) and to decrease the temperature of the at least one slipring track (17,18,19). This allows decreasing the temperature of the slipring module (10) and increasing the maximum transferable power and life-time.

Fig. 1

