

Status of the High Temperature Superconductor Current Lead Development at the Research Centre Karlsruhe

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Abstract – The paper describes the status of the high temperature (HTS) current lead development at the Research Centre Karlsruhe (Forschungszentrum Karlsruhe, FZK). After a brief summary of the results for the 70 kA ITER HTS current lead demonstrator, present projects are described: the HTS current leads for the stellarator Wendelstein 7-X, and those for the satellite tokamak JT60-SA.

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