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(54) **RADIATION BEAM WELDING METHOD, BODY AND LITHOGRAPHIC APPARATUS**

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See application file for complete search history.

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(57) **ABSTRACT**

A method for radiation beam welding of a first member to a
second member of a cooling body for an electromagnetic
actuator. The first member on a side thereof comprises a
surface portion provided with a recess, which is delimited by
a periphery, and wherein the second member comprises a
substantially continuous first surface portion complementary
to the surface portion of the first member in order to close off
the recess, the second member being provided with a second
surface portion opposite to the first surface portion. The
method comprising arranging the first and second member
such that the first surface portion engages with the surface
portion of the first member; providing a radiation beam,
directing the radiation beam towards the second surface por-
tion such that the first and second member are welded
together at the periphery of the recess.

16 Claims, 4 Drawing Sheets

