

Title (en)
Coil carrier with cooling fins

Title (de)
Spulenträger mit Kühlrippen

Title (fr)
Support de bobine doté d'ailettes de refroidissement

Publication
EP 2065883 B1 20100707 (EN)

Application
EP 07023076 A 20071128

Priority
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Abstract (en)
[origin: EP2065883A1] The present invention relates to an electromagnetic shockwave emitter with an improved cooling arrangement for eliminating the heat dissipated during operation of the electromagnetic shockwave emitter. It is the particular approach of the present invention to provide cooling elements (62) on a back surface of the coil carrier (52). These cooling elements (62) are implemented within axial holes of the coil carrier plate (50) and protrude from its back surface so as to transfer the heat generated by the coil to the surrounding environment. Due to the inventive back surface cooling mechanism, the temperature of the coil can be reduced, resulting in a significantly prolonged lifetime.

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