

Title (en)
FOCUSING MICROWAVE APPLICATOR

Title (de)
FOKUSSIENDERER MIKROWELLENAPPLIKATOR

Title (fr)
APPLICATEUR DE MICRO-ONDES FOCALISANT

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Application
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Abstract (en)
[origin: WO0209477A1] The invention concerns an applicator of microwaves originating from a guide (1) comprising an enclosure (3) converging the microwaves towards a focal point (16) by means of a complementary central reflector (4). A portion of the waves reaches said point after reflecting on two generally curve and concave facets (11, 13) of the reflector (4) and of the enclosure (3), while the other portion is reflected three times on as many facets (10, 12 and 14) whereof the last two belong to the enclosure and one is concave to ensure focusing. Said devices are useful for crumbling concrete, the microwaves producing a boiling at the focal point (16).

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