

Title (en)

ELECTROMAGNETIC IRRADIATING DEVICE

Title (de)

EINRICHTUNG FÜR ELEKTROMAGNETISCHE BESTRAHLUNG

Title (fr)

DISPOSITIF D'IRRADIATION ELECTROMAGNETIQUE

Publication

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Application

EP 00962577 A 20000906

Priority

- FR 0002457 W 20000906
- FR 9911243 A 19990906

Abstract (en)

[origin: FR2798187A1] The invention concerns an irradiating device (1) comprising an electromagnetic radiation source having a radiation emitter (32) and two lateral reflectors (34). A fin (58) shaped like a projecting rib extends on the side of the rear surface (56) of each reflector (34) forming both a cooling surface and means for increasing the inertial moment of the profile of said reflector. A hook-shaped rim is provided at each end of the fin (58) allowing through pins (55) for fixing the reflectors (34) to positioning flanges (44). A winding cavity (17) carries the cooling fluid emerging on the side of the space exposed through one or several discharge outlets (80) capable of directing the fluid towards the median part of the exposed space. The invention is useful for drying all coatings on paper, cardboard, plastic and metal supports.

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IPC 8 full level

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