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NISHIZAWA et al.(10) **Pub. No.: US 2022/0385236 A1**(43) **Pub. Date: Dec. 1, 2022**(54) **RESONATOR DEVICE**(71) Applicant: **Seiko Epson Corporation**, Tokyo (JP)(72) Inventors: **Ryuta NISHIZAWA**, Nagano (JP);
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(57)

ABSTRACT

A resonator device includes a resonator element, a base which has a first surface and a second surface that are in front-back relation, and in which the resonator element is arranged at the first surface, an integrated circuit provided to the base, a lid which has an inner surface opposed to the resonator element, and an outer surface in a front-back relationship with the inner surface, and which is bonded to the base so as to house the resonator element, and a radiation layer which is arranged at the inner surface of the lid, and is higher in emissivity than the lid.

