

Title (en)
A VAPOR CHAMBER

Title (de)
DAMPFKAMMER

Title (fr)
CHAMBRE DE VAPEUR

Publication
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Application
EP 22161773 A 20220314

Priority
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Abstract (en)
The invention relates to a vapor chamber (1), comprising walls sealing off an interior space of the vapor chamber from surroundings, said walls including at least an evaporator wall (3) and a condenser wall (4). In order to obtain a reliable and efficient vapor chamber, the vapor chamber comprises porous pillars (6) with different porosity in different parts of the pillars extend into the vapor chamber from the evaporator wall for evaporating fluid (5) by a heat load (7) received via the evaporator wall (3), and a condenser section (8) at the condenser wall (4) for condensing the evaporated fluid by dissipating heat (9) to surroundings via the condenser wall (4).

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Citation (search report)

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