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(71) Applicant: **IQM FINLAND OY** [FI/FI]; Keilaranta 19,
02150 Espoo (FI).

(72) Inventors: **SARSBY, Matthew**; c/o IQM FINLAND OY,
Keilaranta 19, 02150 Espoo (FI). **ORGIAZZI, Jean-Luc**;
c/o IQM FINLAND OY, Keilaranta 19, 02150 Espoo (FI).

(74) Agent: **HOFFMANN EITLE PATENT- UND
RECHTSANWÄLTE PARTMBB, ASSOCIATION NO.
151**; Arabellastraße 30, 81925 Munich (DE).

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(54) Title: A SHIELDING DEVICE FOR SHIELDING A DEVICE FROM ELECTROMAGNETIC NOISE

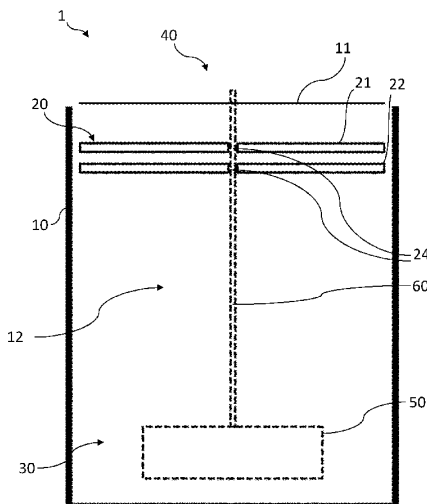


Fig. 1A

(57) Abstract: This disclosure relates to a shielding device for shielding a magnetically sensitive device from electromagnetic noise. The shielding device comprises a main shield body that partially encapsulates an interior space and comprises an opening that provides access to the interior space, with a part of the interior space being an accommodating space for accommodating a magnetically sensitive device, and at least one shield member that is located in the interior space, that is structurally distinct and/or separable from the main shield body, and between the opening and the accommodating space. The shield member comprises at least a high permeability layer with a relative electromagnetic permeability of at least 10^5 Henries per meter (H/m) and a low permeability layer that is superconductive when cooled below a critical temperature, wherein the high permeability layer is provided between the opening and the low permeability layer.

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