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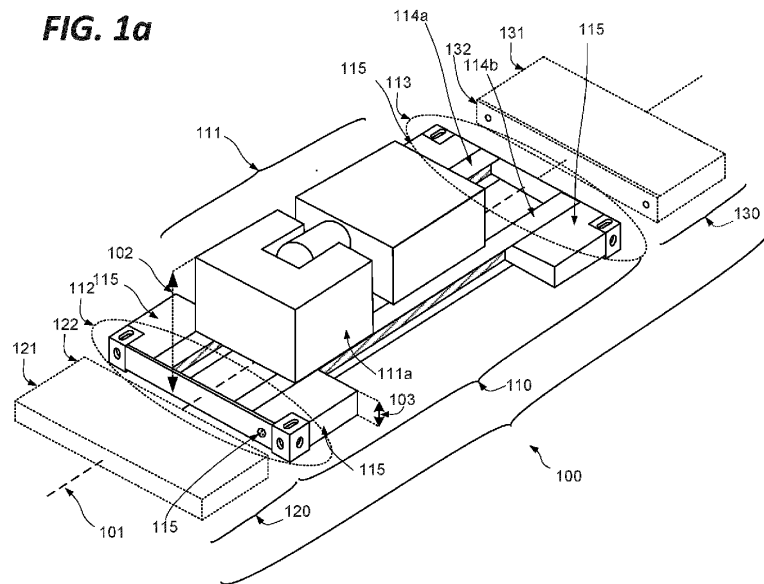
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(54) Title: RADAR SYSTEM

FIG. 1a



(57) Abstract: A radar system is provided based on a core module comprising a radar transducer based on a long, flat platform, provided with coupling elements at each end, which may comprise ISO standard compatible corner fittings as used in freight containers. Accessory modules may be connected to the core module by means of these coupling elements at each end. Accessory modules may provide power, communications, cooling or other support functions as required. The coupling achieved between the core module and accessory modules may be reinforced with side brackets, and may be sufficiently strong that the weight of the complete assembly may be supported by the core module, or by the accessory modules. The combined length of the core module and accessory modules may be selected to correspond essentially to the length of a standard freight container, and the length of the core module alone may be selected to correspond to the flat bed of a standard medium truck.

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