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(54) Title (EN): CONTROL DEVICE, TRANSPORT REFRIGERATION SYSTEM, CONTROL METHOD, AND CHARGING RATE CALCULATION METHOD

(54) Title (FR): DISPOSITIF DE COMMANDE, SYSTÈME DE RÉFRIGÉRATION DANS LES TRANSPORTS, PROCÉDÉ DE COMMANDE ET PROCÉDÉ DE CALCUL DE TAUX DE CHARGE

(54) Title (JA): 制御装置、輸送用冷凍システム、制御方法及び充電率算出方法

(57) Abstract:

(EN): Disclosed is a control device for a refrigerator having, as a power supply, a power generator that is driven by means of a power source of a moving body, and a secondary battery that stores power generated by the power generator. In the cases where the power generated by the power generator is smaller than a load requested by the refrigerator, the power stored in the secondary battery is supplied to the refrigerator if the charging rate of the secondary battery is equal to a predetermined threshold value or more.

(FR): L'invention concerne un dispositif de commande pour un réfrigérateur ayant comme alimentation électrique, un générateur de courant qui est entraîné au moyen d'une source d'alimentation d'un corps mobile, et une batterie secondaire qui stocke l'énergie générée par le générateur de courant. Dans les cas où l'énergie générée par le générateur de courant est inférieure à une charge demandée par le réfrigérateur, l'énergie stockée dans la batterie secondaire est fournie au réfrigérateur si le taux de charge de la batterie secondaire est égal ou supérieur à une valeur de seuil prédéterminée.

(JA): 移動体の動力源によって駆動する発電機と、発電機が発電した電力を蓄電する二次電池とを電源とする冷凍機の制御装置であって、発電機が発電する電力が、冷凍機が要求する負荷より小さい場合、二次電池の充電率が所定の閾値以上であれば、二次電池の蓄電した電力を冷凍機に供給する。

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