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**(54) Title (EN):** REGENERATIVE BRAKING ENERGY DISSIPATER AND SYSTEM AND METHOD OF USING SAME

**(54) Title (FR):** DISSIPATEUR D'ÉNERGIE DE FREINAGE RÉGÉNÉRATIF ET SYSTÈME ET MÉTHODE D'UTILISATION DE CEUX-CI

**(57) Abstract:**
**(EN):** A regenerative braking energy dissipater system which is adapted to dissipate energy from a regenerative brake in the case when the battery cannot accept further energy. The system may switch the energy flow from the battery to a dissipater when the battery has reached a high level of charge. The dissipater may include load resistors. The system may be designed such that the airflow around the dissipater flows over and under the dissipating plate.

**(FR):** Ls présente invention consiste en un système de dissipateur d'énergie de freinage régénératif qui est adapté pour dissiper l'énergie provenant d'un frein régénératif dans le cas où la batterie ne peut pas accepter d'autres énergies. Le système peut commuter le flux d'énergie de la batterie à un dissipateur lorsque la batterie a atteint un niveau de charge élevé. Le dissipateur peut inclure des résistances de charge. Le système peut être conçu de telle sorte que le flux d'air autour du dissipateur s'écoule au-dessus et au-dessous de la plaque de dissipation.

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