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(54) Title (EN): THERMAL REACTION ELEMENT, BREAKER, SAFETY CIRCUIT, AND SECONDARY BATTERY PACK

(54) Title (FR): ÉLÉMENT À RÉACTION THERMIQUE, DISJONCTEUR, CIRCUIT DE SÉCURITÉ ET BLOC-BATTERIE RECHARGEABLE

(54) Title (JA): 熱応動素子、ブレーカー、安全回路及び2次電池パック

(57) Abstract:

(EN): This thermal reaction element 5 is formed in a curved plate shape. The thermal reaction element 5 includes: a first region 51 that deforms with a snap action accompanying a temperature change; and a second region 52 that is integrally formed from the first region 51, and that inhibits deformation of the first region 51. The second region 52 is formed on the inside of the circumscribed circle of the first region 51.

(FR): La présente invention concerne un élément à réaction thermique 5 qui prend la forme d'une plaque incurvée. L'élément à réaction thermique 5 comprend : une première région 51 qui se déforme avec une action brusque accompagnant un changement de température ; et une seconde région 52 qui est formée d'un seul tenant à partir de la première région 51, et qui empêche la déformation de la première région 51. La seconde région 52 est formée à l'intérieur du cercle circonscrit à la première région 51.

(JA): 熱応動素子5は、湾曲する板状に形成される。熱応動素子5は、温度変化に伴いスナップアクションを伴い変形する第1領域51と、第1領域51から一体的に形成され、第1領域51の変形を阻害する第2領域52とを含む。第2領域52は、第1領域51の外接円の内側に形成されている。

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