

Title (en)

A METHOD AND DEVICE FOR SORTING BATTERIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SORTIEREN VON BATTERIEN

Title (fr)

PROCEDE ET DISPOSITIF DE TRI DE PILES

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Application

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Abstract (en)

[origin: WO9635522A1] The invention relates to a method for sorting batteries (10), with batteries being separated on the basis of a measured electrical property which is characteristic of their composition. The electric property of the battery is according to the invention determined by applying to the battery (10) a varying electrical voltage and measuring the resulting current through the battery. The varying electrical voltage advantageously consists of a first pulse and a second pulse which have opposite polarities, and which may both be generated by the discharge of a capacitor (2). In addition, a second property may be determined, e.g., the shape or colour of the battery. With such method, a very effective separation between, e.g., nickel-cadmium, alkaline, lithium, and other batteries may be obtained. The invention further relates to a device (1) for determining electrical properties of batteries.

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IPC 8 full level

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