

Title (en)
METHOD AND SYSTEM FOR TESTING AND SORTING BATTERIES

Publication
EP 0102428 B1 19870311 (EN)

Application
EP 82304662 A 19820906

Priority
• EP 82304662 A 19820906
• CA 410638 A 19820902
• JP 16518382 A 19820924

Abstract (en)
[origin: EP0102428A1] A method and system for testing and sorting a production run of sheet-like batteries includes: testing (28) each battery (10) to obtain a first value of electrical energy; placing (34) machine-readable indicia on each battery corresponding to the first value; retesting (40) each battery after passage of a period of time to obtain a second value of electrical energy; machine-reading the indicia and computing the rate of decay of electrical energy for each battery as a function of the difference between said first and second values per unit time; and sorting (42) the batteries in accordance with the computed rate of decay to separate those batteries having too great a rate of decay.

IPC 1-7
B07C 5/344

IPC 8 full level
G01R 31/36 (2006.01); **B07C 5/02** (2006.01); **B07C 5/34** (2006.01); **B07C 5/344** (2006.01); **G01R 31/00** (2006.01); **G01R 31/18** (2006.01); **H01M 6/06** (2006.01); **H01M 10/48** (2006.01)

CPC (source: EP)
B07C 5/3412 (2013.01); **B07C 5/344** (2013.01)

Citation (examination)
US 4028479 A 19770607 - FANCIULLO RALPH D, et al

Cited by
CN113198737A; CN115805194A; CN109786807A; CN113484787A; CN106807650A; CN111701870A; DE4419461A1; DE4419461B4; DE3501420A1; GB2154009A; US4607227A; CN107694967A; US10613151B2; WO9112094A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0102428 A1 19840314; **EP 0102428 B1 19870311**; CA 1187939 A 19850528; DE 3275634 D1 19870416; JP H0366625 B2 19911018; JP S5961785 A 19840409

DOCDB simple family (application)
EP 82304662 A 19820906; CA 410638 A 19820902; DE 3275634 T 19820906; JP 16518382 A 19820924