

Title (en)
BATTERY WITH PROTECTION CIRCUIT.

Title (de)
BATTERIE MIT SCHUTZSCHALTUNG.

Title (fr)
PILE A CIRCUIT DE PROTECTION.

Publication
EP 0616737 A4 19941221 (EN)

Application
EP 92925203 A 19921113

Priority
• US 9209796 W 19921113
• US 79965591 A 19911129

Abstract (en)
[origin: WO9311595A1] A battery apparatus (104) includes at least one cell (114) having a capacity. The battery apparatus (104) also includes a protection circuit (116) for directing the charging pattern of the at least one cell (114) to follow a predetermined format. The protection circuit (116) monitors the rate at which the battery apparatus (104) is charged and stops the charge when this rate falls below a predetermined rate.

IPC 1-7
H02J 7/04

IPC 8 full level
H01M 10/44 (2006.01); **H01M 10/46** (2006.01); **H02H 7/18** (2006.01); **H02J 7/00** (2006.01); **H02J 7/10** (2006.01)

CPC (source: EP)
H02J 7/007194 (2020.01)

Citation (search report)
• [X] EP 0379221 A2 19900725 - SONY CORP [JP]
• See references of WO 9311595A1

Designated contracting state (EPC)
DE FR GB IE

DOCDB simple family (publication)
WO 9311595 A1 19930610; EP 0616737 A1 19940928; EP 0616737 A4 19941221; JP H07501650 A 19950216

DOCDB simple family (application)
US 9209796 W 19921113; EP 92925203 A 19921113; JP 51013593 A 19921113