

Title (en)

SYSTEM AND METHOD ACCOMMODATING MORE THAN ONE BATTERY WITHIN AN ELECTRONIC DEVICE

Title (de)

SYSTEM UND VERFAHREN ZUR BENUTZUNG VON MEHR ALS EINER BATTERIE IN EINEM ELEKTRONISCHEN GERÄT

Title (fr)

SYSTEME ET PROCEDE DESTINES A LOGER PLUSIEURS BATTERIES DANS UN DISPOSITIF ELECTRONIQUE

Publication

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Application

EP 01942804 A 20010118

Priority

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Abstract (en)

[origin: WO0154248A2] A system (10, 60) for facilitating the accommodation of two or more batteries (12, 14) in an electronic device (10). The system (10) includes a first mechanism (16, 18) that determines a charge status of a first battery (12) and a second battery (14) and provides a status signal in response thereto. A second mechanism (18, 32, 46) provides an indication of remaining battery life associated with the first battery (12) and/or the second battery (14) based on the status signal. In a specific embodiment, the system (10, 60) further includes a third mechanism (36) for selectively employing the first battery (12) or the second battery (14) as a power source for the electronic device (10) based on the status signal. In a more specific embodiment, the electronic device (10) is a wireless phone (10) that includes a transceiver (24) and a computer (18) in communication with the transceiver (24). The computer (18) is connected to a display screen (32). The wireless phone (10) has a housing (11) that accommodates the transceiver (24), the computer (18), the first battery (12), and the second battery (14). The second mechanism (18, 32, 46) includes a mechanism (18, 32, 46) for issuing a first alert, via the display screen (32), when the first battery (12) is drained. Another mechanism (18, 32, 46) issues a second alert when the second battery (14) is drained or detached from the electronic device (10). An additional mechanism issues alerts when the first battery (12) and/or the second battery (14) are low, when the second battery (14) is removed, and when the first battery (12) and/or second battery (14) are drained, as indicated by the status signal.

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