

Title (en)
EMERGENCY SYSTEM FOR POWER FAILURES

Title (de)
NOTFALLSYSTEM FÜR STROMAUSFÄLLE

Title (fr)
SYSTÈME D'URGENCE POUR COUPURES DE COURANT

Publication
EP 2719053 A1 20140416 (DE)

Application
EP 12727112 A 20120523

Priority
• DE 102011077073 A 20110607
• EP 2012059646 W 20120523

Abstract (en)
[origin: WO2012168080A1] An emergency system for power failures is described, comprising a single-cell or multiple-cell, rechargeable battery from the group comprising NiMH, NiCd, NiZn, Ag₂O/Zn or lithium-ion batteries and also charging electronics for charging this battery, wherein the charging electronics provide a charging voltage which does not overcharge the battery even at a temperature of up to 80 °C, preferably of up to 85 °C. In addition, a circuit board for a data processing device and also a method for operating a data processing device are described which use such an emergency system. The use of a combination of a single-cell or multiple-cell, rechargeable battery and the aforementioned charging electronics as an electronic component having the properties of a double-layer capacitor is also described.

IPC 8 full level
H02J 7/00 (2006.01)

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

Citation (search report)
See references of WO 2012168080A1

Citation (examination)
• EP 2315301 A1 20110427 - SANYO ELECTRIC CO [JP]
• US 2011115441 A1 20110519 - MATSUYAMA TAKAHIRO [JP], et al

Cited by
CN106959741A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011077073 A1 20121213; CN 103765719 A 20140430; CN 103765719 B 20170811; EP 2719053 A1 20140416; US 2014103882 A1 20140417; US 9653930 B2 20170516; WO 2012168080 A1 20121213

DOCDB simple family (application)
DE 102011077073 A 20110607; CN 201280027646 A 20120523; EP 12727112 A 20120523; EP 2012059646 W 20120523; US 201214123546 A 20120523