

Title (en)

SOFT CIRCUIT SWITCH, METHOD THEREIN AND SYSTEM

Title (de)

WEICHER SCHALTKREIS, VERFAHREN DARIN UND SYSTEM

Title (fr)

COMMUTATEUR DE CIRCUIT SOUPLE, PROCÉDÉ ASSOCIÉ ET SYSTÈME

Publication

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Application

**EP 17853536 A 20170914**

Priority

- SE 1630232 A 20160926
- SE 2017050902 W 20170914

Abstract (en)

[origin: WO2018056882A1] This document presents a way to build much smaller computers with standard components without sacrificing performance. This is accomplished by a modular power delivery system, in which zero or more soft-start switching add-on boards are connected to a pre-existing stand-alone power supply, typically DC/DC-switched. The modular design creates upgrade paths that don't require replacement of existing equipment when upgrading to a more powerful graphics adapter or adding additional hard drives. Each add-on board provides at least one separated power path mainly consisting of a soft-start switch and circuitry that controls and monitors the power delivered on its path(s). Each add-on board is controlled by the pre-existing power supply or a thereto connected adapter board and comprises protection circuits such as simultaneous emergency shutdown of the entire power delivery system and prevention of system start unless all power paths are energized.

IPC 8 full level

**G06F 1/18** (2006.01); **G06F 1/26** (2006.01); **G06F 1/28** (2006.01); **G06F 1/30** (2006.01)

CPC (source: EP SE)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2018056882A1

Designated contracting state (EPC)

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