

Title (en)

Circuit for the voltage supply and method for producing a supply voltage

Title (de)

Schaltung zur Spannungsversorgung und Verfahren zur Erzeugung einer Versorgungsspannung

Title (fr)

Circuit pour l'alimentation en tension et methode pour produire une tension d'alimentation

Publication

**EP 1439443 B1 20150909 (DE)**

Application

**EP 03000815 A 20030114**

Priority

EP 03000815 A 20030114

Abstract (en)

[origin: EP1439443A1] The circuit has a first supply voltage input connected to a first comparator and a first voltage regulator, whereby the first comparator controls the first voltage regulator, a second supply voltage input connected to a second comparator and voltage regulator, whereby the second comparator controls the second voltage regulator, a supply voltage output connected to the outputs of both voltage regulators and fed back to both comparators. The circuit has a first supply voltage input (IN1) connected to a first comparator (CMP1) and a first voltage regulator (REG1), whereby the first comparator controls the first voltage regulator, a second supply voltage input (IN2) connected to a second comparator (CMP2) and voltage regulator (REG2), whereby the second comparator controls the second voltage regulator, and a supply voltage output (O) connected to the outputs of both voltage regulators and fed back to both comparators. AN Independent claim is also included for a method of generating a supply voltage.

IPC 8 full level

**G05F 1/46** (2006.01)

CPC (source: EP KR US)

**G05F 1/46** (2013.01 - EP US); **G05F 3/02** (2013.01 - KR)

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