

Technology: Programmable Control Device for Harmonic and Reactive Electric Currents and Imbalance Compensating in Weak Electric Grids

Description: The present invention relates to a programmable electric current compensating device for weak power grids, which improves energy efficiency in electrical installations. The system is able to reduce harmonics and phase balance in three-phase systems so that the meter located upstream of this device and the different electric devices in a installation downstream receive a balanced signal.

Advantages:

- ✓ System capable of synchronizing voltage and current phases, **regardless** of the initial lag.
- ✓ Save up to **50%** in consumption due to the stabilization of harmonics and imbalances.
- ✓ **Easy** device installation.
- ✓ **Faster performance** compared to systems based on capacitors.

Interests: company for **patent licensing** with industrial **development** capacity.

Technology situation:

- ✓ Manufactured **prototype**.
- ✓ Protected under **granted patent**.

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<http://www.siani.es/Ingenieria%20Termica%20%20Instrumentacion639674.html>

