Novel on-line composting monitoring system

Results

Project Information

COMPO-BALL

Grant agreement ID: 243625

Project website

Project closed

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1 February 2010

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31 January 2013

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€ 2 583 570,70

EU contribution
€ 1 952 820,00

Coordinated by
IRIS TECHNOLOGY SOLUTIONS, SOCIEDAD LIMITADA
Spain

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Publications

Publications via OpenAIRE (8)

Compo-Ball: Novel on-line composting monitoring system.
Author(s): Oscar Casas; Marga López; Marcos Quílez; Oscar Huerta-Pujol; Xavier Martínez-Farré
Published in: JG Press Inc.Compost Science and Utilization

Compo-Ball: Novel on-line composting monitoring system. First results
Author(s): Marga López; Xavier Martínez-Farré
Published in: Informa HealthcareOrbit

Wireless sensor network for smart composting monitoring and control
Author(s): Hugo Marques; Pedro M. Ramos; Marga López; Gemma Hornero; Oscar Casas; Marcos Quilez; Xavier Martinez-Farre; Mirta R. Pinilla; Beatriz Borges; Pedro Silva Girao; Carlos Rovira
Published in: Elsevier BVCrossref 2014
Permanent ID: Digital Object Identifier:10.1016/j.measurement.2013.09.026; Microsoft Academic Graph Identifier:2076936371

Interdigital and concentric coplanar capacitive electrodes. Specific Optimization design recommendations.

Author(s): F. Rillo; Hubert Zangl; O.Casas
Published in: Elsevier BVSensors and Actuators, A: Physical

Contactless battery charger with high relative separation distance and improved efficiency
Author(s): Marques; H.S.; Borges; B
Published in: IEEEINTELEC, International Telecommunications Energy Conference (Proceedings) 2011
Permanent ID: Digital Object Identifier:10.1109/intlec.2011.6099786; Microsoft Academic Graph Identifier:2061275440

Intelligent composting assisted by a wireless sensing network
Author(s): Marga López; Xavier Martinez-Farre; Oscar Casas; Marcos Quilez; Jose Polo; Oscar Lopez; Gemma Hornero; Mirta R. Pinilla; Carlos Rovira; Pedro M. Ramos; Beatriz Borges; Hugo Marques; Pedro Silva Girão
Published in: Elsevier BVCrossref 2014
Permanent ID: Digital Object Identifier:10.1016/j.wasman.2013.12.019; PubMed ID:24472716; Microsoft Academic Graph Identifier:2054289042

Contactless battery charger for composite humidity and temperature wireless sensors
Author(s): H.Marques; B. Borges; P. Ramos; A. Martins
Published in: IEEEIEEE International Conference on Software Maintenance, ICSM 2011
Permanent ID: Digital Object Identifier:10.1109/eurocon.2011.5929369; Microsoft Academic Graph Identifier:2087413103

Comparison of the effective resolution and consumption for classic conditioning systems and direct sensor-to-microcontroller interfaces. Designing recommendations.
Author(s): F. Rillo; O.Casas
Published in: Institute of Electrical and Electronics Engineers Inc.IEEE Transactions on Instrumentation and Measurement

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