

Circulation centrifugal pump with variable speed drives and minimal electricity consumption

Vodovozov, Valery; Gevorkov, Levon; Raud, Zoja 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 / p. 334-339 : ill <http://dx.doi.org/10.1109/CPE.2017.7915193>

Evaluation of losses in three-level neutral-point-clamped and T-type quasi-Z-source inverters with modified carrier based modulation method

Ruiz-Cortes, M.; Romero-Cadaval, Enrique; Roncero-Clemente, Carlos; Gonzalez-Romera, Eva; **Husev, Oleksandr** 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 / p. 638-643 : ill <https://doi.org/10.1109/CPE.2017.7915247>

Mixed pressure control system for a centrifugal pump

Gevorkov, Levon; Vodovozov, Valery 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 / p. 364-369 : ill <https://doi.org/10.1109/CPE.2017.7915198>

Passive power decoupling approach for three-level single-phase impedance source inverter based on resonant and PID controllers

Makovenko, Elena; Husev, Oleksandr; Zakis, Janis; Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Vinnikov, Dmitri** 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 / p. 516-521 : ill <https://doi.org/10.1109/CPE.2017.7915225>

Reverse power flow control possibilities of galvanically isolated impedance-source DC-DC converters

Chub, Andrii; Vinnikov, Dmitri; Liivik, Elizaveta 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 / p. 522-527 : ill <https://doi.org/10.1109/CPE.2017.7915226>