

Title (en)
COUPLING SYSTEM FOR A HYBRID ENERGY INSTALLATION

Title (de)
KOPPLUNGSSYSTEM FÜR EINE HYBRIDENERGIEANLAGE

Title (fr)
SYSTÈME DE COUPLAGE POUR UNE INSTALLATION À ÉNERGIE HYBRIDE

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Application
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Abstract (en)
[origin: WO2011134784A2] The invention relates to a coupling system (100) for a hybrid energy installation comprising a heat pump apparatus (110) and a force/heat coupling apparatus (120) with at least one coupling device (130) for coupling the heat pump apparatus (110) and the force/heat coupling apparatus (120). The object of the invention is to provide an apparatus and a method which implements coupling for a heat pump apparatus (110) and a force/heat coupling apparatus (120), wherein in comparison with previously known, uncoupled installations, a total efficiency which is as high as possible and a consumption of resources which is as low as possible are ensured. The invention is characterized in that the at least one coupling device (130) has an electrical coupling unit and/or a hydraulic coupling unit, which are configured so as to be switchable for a coupling of the heat pump apparatus (110) and the force/heat coupling apparatus (120). Furthermore, the invention relates to an energy transformation system for producing heat and/or cold and a method for energy transformation with a coupling system (100).

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