

Title (en)  
WASTE HEAT RECOVERY INSTALLATION

Title (de)  
ABWÄRMENUTZUNGSANLAGE

Title (fr)  
INSTALLATION À RÉCUPÉRATION DE CHALEUR PERDUE

Publication  
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Application  
**EP 11802938 A 20111221**

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Abstract (en)  
[origin: WO2012085093A1] The invention relates to a waste heat recovery installation for a waste heat source (10), comprising an ORC (Organic-Rankine-Cycle) that is mounted downstream of said waste heat source, the waste heat source (10) being connected to the heating device of the ORC, and an expansion engine (4) coupled to a generator (5) for steam expansion in the ORC. The aim of the invention is to optimize a combined heat and power plant, a waste heat recovery installation consisting of an ORC mounted downstream of a waste heat source, with respect to design and operating behavior. According to the invention, the expansion engine (4) for steam expansion in the ORC is started up by the generator (5) which operates in the motor mode and is brought to a minimum starting rotational speed predefined in a regulation device.

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