

Title (en)  
Waste heat recovery system

Title (de)  
Abwärmerückgewinnungssystem

Title (fr)  
Système de récupération de la chaleur des déchets

Publication  
**EP 2360356 A2 20110824 (EN)**

Application  
**EP 10188625 A 20101022**

Priority  
US 60657109 A 20091027

Abstract (en)  
In one embodiment, a waste heat recovery system (10) includes a Rankine cycle system (14) that circulates a working fluid that absorbs heat from exhaust gas. The Rankine cycle system (14) includes an evaporator (36) that may transfer sensible heat from the exhaust gas to the working fluid to produce cooled exhaust gas. The Rankine cycle system (14) also includes an economizer (30) that may transfer latent heat from the exhaust gas to the working fluid. The economizer (30) is a carbon steel heat exchanger with a corrosion resistant coating (52).

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