

Title (en)
Waste heat recovery system

Title (de)
Abwärmerückgewinnungssystem

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

Publication
EP 2360356 A3 20170705 (EN)

Application
EP 10188625 A 20101022

Priority
US 60657109 A 20091027

Abstract (en)
[origin: US2011094227A1] In one embodiment, a waste heat recovery system includes a Rankine cycle system that circulates a working fluid that absorbs heat from exhaust gas. The Rankine cycle system includes an evaporator that may transfer sensible heat from the exhaust gas to the working fluid to produce cooled exhaust gas. The Rankine cycle system also includes an economizer that may transfer latent heat from the exhaust gas to the working fluid. The economizer is a carbon steel heat exchanger with a corrosion resistant coating.

IPC 8 full level
F01K 23/06 (2006.01); **F01K 25/08** (2006.01)

CPC (source: EP US)
F01K 23/065 (2013.01 - EP US); **F01K 25/08** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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