

Title (en)  
Energy recovery unit

Title (de)  
Energierückgewinnungseinheit

Title (fr)  
Unité de récupération d'énergie

Publication  
**EP 2369228 A2 20110928 (EN)**

Application  
**EP 11154086 A 20110210**

Priority  
GB 201003960 A 20100310

Abstract (en)  
An energy recovery unit (10) comprising a vessel (12) having a condensate inlet (50) and a condensate outlet (34,36) and a fluid feed line (18) defining a fluid path. First and second heat exchangers (14,16) are located within the vessel and are arranged to transfer heat from flash vapour and condensate respectively, to fluid in the fluid feed line. The energy recovery unit can be used to recover waste energy from condensate and flash steam and use it to pre-heat process water, such as boiler feed water.

IPC 8 full level  
**F22D 1/32** (2006.01); **F22B 3/04** (2006.01)

CPC (source: EP GB US)  
**F22B 3/04** (2013.01 - EP US); **F22D 1/16** (2013.01 - GB); **F22D 1/32** (2013.01 - GB); **F22D 1/325** (2013.01 - EP US)

Citation (applicant)  
US 4878457 A 19891107 - BEKEDAM MARTIN [US]

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**EP 11154086 A 20110210**; CN 201110058233 A 20110310; GB 201003960 A 20100310; JP 2011053052 A 20110310; US 201113045204 A 20110310