

Title (en)  
Steam utilisation plant

Title (de)  
Dampfnutzungsanlage

Title (fr)  
Dispositif à utilisation de vapeur

Publication  
**EP 2554805 B1 20160608 (DE)**

Application  
**EP 12401150 A 20120711**

Priority  
DE 102011052430 A 20110805

Abstract (en)  
[origin: EP2554805A2] The plant (1) has a cylinder-shaped overflow mixing device (7) connected with a liquid line (6) or liquid reservoir (9) of a steam generator (2) via a liquid inlet (8) for supplying liquid into the overflow mixing device. The mixing device is connected with an overpressure steam line that contains an overflow valve (5), and is connected with an energy recycling device (12) via a liquid outlet (11). Mixture of steam with the liquid flowing through a mixing chamber (13) is provided in the mixing chamber, where the steam flows through the valve. The mixing device is thermally insulated.

IPC 8 full level  
**F01K 3/26** (2006.01); **F01K 21/04** (2006.01)

CPC (source: EP)  
**F01K 3/267** (2013.01); **F01K 21/04** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2554805 A2 20130206; EP 2554805 A3 20140730; EP 2554805 B1 20160608**; DE 102011052430 A1 20130207;  
DE 102011052430 B4 20131024

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