

Title (en)  
EXHAUST STEAM LINE FOR STEAM PLANTS

Title (de)  
ABDAMPFLEITUNG FÜR DAMPFKRAFTANLAGEN

Title (fr)  
CONDUITE DE VAPEUR D'ECHAPPEMENT POUR DISPOSITIFS A VAPEUR

Publication  
**EP 1642075 B1 20061213 (DE)**

Application  
**EP 04762342 A 20040702**

Priority  
• DE 2004001417 W 20040702  
• DE 10330659 A 20030708

Abstract (en)  
[origin: DE10330659B3] The steam drainage line (5) has a number of air-cooled condensation elements connection to a main steam drainage line (10) via individual branch lines (6), with the cross-section of the main steam drainage line reduced in stages after each branch line tap-off point (7). The main steam drainage line is inclined upwards at an angle (W) to the horizontal (H) in the flow direction of the steam.

IPC 8 full level  
**F28B 1/06** (2006.01); **F28B 9/02** (2006.01); **G05D 7/00** (2006.01)

CPC (source: EP KR US)  
**F28B 1/00** (2013.01 - KR); **F28B 1/02** (2013.01 - KR); **F28B 1/06** (2013.01 - EP KR US); **F28B 9/02** (2013.01 - EP US); **Y10S 261/76** (2013.01 - EP US); **Y10T 137/8376** (2015.04 - EP US); **Y10T 137/8593** (2015.04 - EP US); **Y10T 137/85938** (2015.04 - EP US)

Cited by  
DE102018101344A1; US10995999B2

Designated contracting state (EPC)  
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**US 2005161094 A1 20050728; US 7168448 B2 20070130**; AT E348308 T1 20070115; AU 2004255669 A1 20050120; AU 2004255669 B2 20070524; CN 100340743 C 20071003; CN 1576520 A 20050209; CN 2695642 Y 20050427; DE 10330659 B3 20041223; DE 502004002322 D1 20070125; EG 24188 A 20081008; EP 1642075 A1 20060405; EP 1642075 B1 20061213; ES 2277278 T3 20070701; IL 171512 A 20110630; KR 100739933 B1 20070716; KR 20060029279 A 20060405; MX PA05008679 A 20051005; RU 2005129703 A 20060210; RU 2298750 C2 20070510; WO 2005005902 A1 20050120; WO 2005005902 A8 20050909; ZA 200506469 B 20060830

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**US 8697005 A 20050322**; AT 04762342 T 20040702; AU 2004255669 A 20040702; CN 200410000929 A 20040115; CN 200420005380 U 20040323; DE 10330659 A 20030708; DE 2004001417 W 20040702; DE 502004002322 T 20040702; EG NA2006000003 A 20060103; EP 04762342 A 20040702; ES 04762342 T 20040702; IL 17151205 A 20051020; KR 20067000292 A 20060106; MX PA05008679 A 20040702; RU 2005129703 A 20040702; ZA 200506469 A 20050812