

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 A1 20060405 (DE)**

Application  
**EP 04762342 A 20040702**

Priority  
• DE 2004001417 W 20040702  
• DE 10330659 A 20030708

Abstract (en)  
[origin: US2005161094A1] An exhaust steam pipeline for steam power plants includes a main steam line and at least two branch lines which are fluidly connected to respective condenser elements of the steam power plant and branch off from the main steam line at connection zones in spaced-apart relationship. The main steam line has a cross section, which decreases following each of the connection zones, and is constructed to ascend at an angle to a horizontal in flow direction of the exhaust steam.

IPC 1-7  
**F28B 1/06**; **F28B 9/02**

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)

Citation (search report)  
See references of WO 2005005902A1

Cited by  
DE102018101344A1; US10995999B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**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

DOCDB simple family (application)  
**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