

Title (en)  
PIPE AND HEAT EXCHANGER

Title (de)  
ROHR UND WÄRMETAUSCHER

Title (fr)  
TUYAU ET SYSTEME DE TRANSFERT THERMIQUE

Publication  
**EP 1179722 A4 20020904 (EN)**

Application  
**EP 00917332 A 20000418**

Priority  
• JP 0002504 W 20000418  
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Abstract (en)  
[origin: EP1179722A1] A cylindrical pipe which is excellent in heat transfer characteristic and has no accumulation of liquid, wherein a flat-shaped portion (2) along the pipe axis (L) is formed inside the cylindrical pipe (1) formed in corrugated shape. <IMAGE>

IPC 1-7  
**F28F 1/08**

IPC 8 full level  
**F28D 7/02** (2006.01); **F28D 7/10** (2006.01); **F28D 7/16** (2006.01); **F28F 1/08** (2006.01); **F28F 1/42** (2006.01)

CPC (source: EP KR)  
**F28D 7/026** (2013.01 - EP); **F28D 7/106** (2013.01 - EP); **F28D 7/1607** (2013.01 - EP); **F28F 1/08** (2013.01 - EP KR); **F28F 2265/16** (2013.01 - EP)

Citation (search report)  
• [X] JP S5518710 Y2 19800501  
• [X] JP S4868859 U 19730901  
• See references of WO 0065290A1

Cited by  
CN103759558A; DE202011051486U1; DE102007033166A1; ITTO20100759A1; US8967235B2; WO2007048603A3; WO2004005824A3

Designated contracting state (EPC)  
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