

Title (en)  
Heating system for flowing substances

Title (de)  
Heizeinrichtung für flüssigen Substanzen

Title (fr)  
Système de chauffage pour substances fluides

Publication  
**EP 1788319 A1 20070523 (EN)**

Application  
**EP 05425819 A 20051121**

Priority  
EP 05425819 A 20051121

Abstract (en)  
A heating system is disclosed for flowing substances in a liquid or gaseous state; such system comprises at least one heating sheath made of flexible and electrically insulating material, comprising inside it an electrically resisting material forming at least one electrically closed circuit adapted to inductively heat the flowing substance due to Joule effect; and electric supply means of the electrically closed circuit.

IPC 8 full level  
**F24H 1/10** (2006.01)

CPC (source: EP)  
**F24H 1/121** (2013.01)

Citation (search report)  
• [X] DE 4444180 A1 19950622 - BARKEY VOLKER [DE]  
• [X] DE 10104344 A1 20020814 - STRAUS FRANK-ULRICH [DE]  
• [X] WO 2005056089 A2 20050623 - PASSARELLO PAOLO [IT], et al  
• [X] DE 10020489 A1 20011213 - FREIBERGER THOMAS [DE], et al  
• [X] DE 20311150 U1 20040226 - WENZEL NICOLAUS [DE]  
• [X] US 4934336 A 19900619 - WHITE STEVEN J [US]

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1788319 A1 20070523**

DOCDB simple family (application)  
**EP 05425819 A 20051121**