

Title (en)
DEVICE FOR INFLUENCING THE TEMPERATURE OF FLOWABLE MATERIALS, IN PARTICULAR OF LUBRICANTS IN A LUBRICATION SYSTEM

Title (de)
EINRICHTUNG ZUM BEEINFLUSSEN DER TEMPERATUR STRÖMUNGSFÄHIGER MEDIEN, INSBESONDERE VON IN EINEM SCHMIERSTOFFSYSTEM BEFINDLICHEN SCHMIERSTOFFEN

Title (fr)
DISPOSITIF POUR INFLUENCER LA TEMPÉRATURE DE FLUIDES À CAPACITÉ D'ÉCOULEMENT, EN PARTICULIER DE LUBRIFIANTS SE TROUVANT DANS UN SYSTÈME DE LUBRIFICATION

Publication
EP 2002693 A1 20081217 (DE)

Application
EP 06829753 A 20061220

Priority
• EP 2006012271 W 20061220
• DE 102006015601 A 20060404

Abstract (en)
[origin: US2007237497A1] A means for influencing the temperature of flowable media, especially of lubricants found in a lubricant system, having a line through which the medium flows and at least one element (11) which is assigned to the line section (1, 5) for influencing the temperature and which can be activated by supplying energy, characterized in that at least one element (11) is located within the line section (1, 5) in the flow path of the medium and that the wall of the line section (1, 5) has a connecting means (9) for supplying energy to at least one element (11) located in the line section (1, 5).

IPC 8 full level
H05B 3/82 (2006.01); **H05B 3/42** (2006.01)

CPC (source: EP KR US)
F01M 5/001 (2013.01 - EP US); **H05B 3/40** (2013.01 - KR); **H05B 3/42** (2013.01 - EP US); **H05B 3/82** (2013.01 - EP US); **H05B 2203/021** (2013.01 - EP US)

Citation (search report)
See references of WO 2007118509A1

Citation (examination)
DE 4431980 A1 19950323 - ZIEGLER BERNHARD DIPL ING FH [DE]

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

DOCDB simple family (publication)
US 2007237497 A1 20071011; **US 7424211 B2 20080909**; CA 2642756 A1 20071025; CA 2642756 C 20140812; CN 101401484 A 20090401; CN 101401484 B 20111228; DE 102006015601 A1 20071018; EP 2002693 A1 20081217; JP 2009532636 A 20090910; JP 5215286 B2 20130619; KR 101336681 B1 20131204; KR 20080107442 A 20081210; WO 2007118509 A1 20071025

DOCDB simple family (application)
US 40148106 A 20060411; CA 2642756 A 20061220; CN 200680053711 A 20061220; DE 102006015601 A 20060404; EP 06829753 A 20061220; EP 2006012271 W 20061220; JP 2009503423 A 20061220; KR 20087023735 A 20061220