

Title (en)  
TEMPERING METHOD, CONTROL DEVICE, AND TEMPERING DEVICE

Title (de)  
VERFAHREN ZUR TEMPERIERUNG, REGELEINRICHTUNG SOWIE VORRICHTUNG ZUR TEMPERIERUNG

Title (fr)  
PROCEDE POUR TEMPERER, SYSTEME DE REGULATION ET DISPOSITIF POUR TEMPERER

Publication  
**EP 1572459 B1 20090701 (DE)**

Application  
**EP 03788875 A 20031211**

Priority  

- DE 0304098 W 20031211
- DE 10258927 A 20021217
- DE 10328234 A 20030624

Abstract (en)  
[origin: WO2004054805A1] Disclosed is a method for tempering a machine part by means of a control device, according to which one respective measured value of a temperature is determined at two spaced-apart measurement points that are located along a control distance. One of said measured values is fed to two control circuits of the control device, which are connected to each other in a cascade-type manner.

IPC 8 full level  
**B41F 13/22** (2006.01); **B01F 5/06** (2006.01)

CPC (source: EP US)  
**B01F 25/433** (2022.01 - EP US); **B01F 25/4331** (2022.01 - EP US); **B01F 25/4337** (2022.01 - EP US); **B41F 13/22** (2013.01 - EP US); **B01F 2215/0422** (2013.01 - EP US)

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004054805 A1 20040701**; AT E435118 T1 20090715; AU 2003293286 A1 20040709; CN 100368191 C 20080213; CN 1692018 A 20051102; DE 10328234 A1 20040715; DE 10328234 B4 20050915; DE 50311672 D1 20090813; EP 1572459 A1 20050914; EP 1572459 B1 20090701; ES 2327514 T3 20091030; HK 1077784 A1 20060224; JP 2006510131 A 20060323; JP 4198153 B2 20081217; US 2006086812 A1 20060427; US 7740185 B2 20100622

DOCDB simple family (application)  
**DE 0304098 W 20031211**; AT 03788875 T 20031211; AU 2003293286 A 20031211; CN 200380100638 A 20031211; DE 10328234 A 20030624; DE 50311672 T 20031211; EP 03788875 A 20031211; ES 03788875 T 20031211; HK 06100351 A 20060109; JP 2005502404 A 20031211; US 53955505 A 20050617