

Title (en)

Method for smoothing wrinkles of laundry in washing machine

Title (de)

Verfahren zum Glätten von Falten in Kleidungsstücken in einer Waschmaschine

Title (fr)

Procédé pour lisser les plis du linge dans une machine à laver

Publication

EP 1507028 A1 20050216 (EN)

Application

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Priority

KR 20030056266 A 20030813

Abstract (en)

A method for smoothing the laundry wrinkled during a washing process in the washing machine is disclosed. When a command signal for smoothing wrinkles of the laundry in the washing machine is inputted, water supplied in the washing machine is heated to generate steam and then the generated steam is injected to the laundry in the washing machine while rotating a drum of the washing machine. Thus, wrinkles of the laundry can be smoothed in the washing machine without causing a trouble of ironing. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] EP 1275767 A1 20030115 - V ZUG AG [CH]
- [E] US 2004187527 A1 20040930 - KIM JIN WOONG [KR], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 05 12 May 2003 (2003-05-12)

Cited by

JP2012161621A; WO2006101345A1; EP1861540A4; AU2006225449B2; EP1999310A4; EP3339490A1; AU2006241299B2; AU2006238761B2; AU2009202459B2; DE102007007354B4; EP1813709A3; KR101139250B1; AU2006225458B2; EP1873297A3; US8522578B2; WO2007081069A1; WO2006101336A1; WO2008119607A1; WO2006101360A1; US10844533B2; US8272090B2; US7904982B2; WO2009133424A1; WO2007024050A1; EP1873297A2; US7610778B2; US8302431B2; US8800083B2; US9212446B2

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