

Title (en)

Method and device for direct heating of liquids particularly for the wet treatment of laundry items with steam

Title (de)

Verfahren und Vorrichtung zum direkten Aufheizen von Flüssigkeiten zur Nassbehandlung von insbesondere Wäschestücken mit Dampf

Title (fr)

Procédé et dispositif de chauffage direct de liquides destinés au traitement humide de linge, en particulier, à la vapeur

Publication

**EP 2803760 A3 20150429 (DE)**

Application

**EP 14001656 A 20140512**

Priority

DE 102013008435 A 20130517

IPC 8 full level

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CPC (source: EP US)

**D06F 39/40** (2024.01 - EP US); **F28C 3/08** (2013.01 - EP)

Citation (search report)

- [XAI] DE 10028944 A1 20011220 - PHARMAGG SYSTEMTECHNIK GMBH [DE]
- [A] EP 0724079 A1 19960731 - BAEZ GMBH HELMUT [DE]
- [A] JP S57182091 A 19821109 - ISHIDA YUKIO
- [A] GB 504675 A 19390428 - BRITISH LAUNDERERS RES ASS, et al
- [A] GB 117221 A 19180711 - W N MATTHEWS AND BRO INC [US], et al
- [A] CN 2089605 U 19911127 - LIU HONGTAO [CN]
- [A] EP 1106838 A1 20010613 - ZHUHAI VELOCITY OF SOUND TECHN [CN]
- [A] GB 243924 A 19251210 - BARROWFIELD IRON WORKS LTD, et al
- [A] WO 2009105004 A1 20090827 - TETRA LAVAL HOLDINGS & FINANCE [CH], et al
- [A] GB 754362 A 19560808 - ICI LTD
- [A] US 2008000098 A1 20080103 - CHOI CHUL J [KR], et al

Cited by

CN110616549A

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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