

Title (en)
INSTANTANEOUS HEATING APPARATUS

Title (de)
SOFORTERHITZUNGSVORRICHTUNG

Title (fr)
APPAREIL DE CHAUFFAGE INSTANTANÉ

Publication
EP 3258186 A4 20180321 (EN)

Application
EP 15882142 A 20151111

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Abstract (en)
[origin: EP3258186A1] An instantaneous heating apparatus is disclosed. The instantaneous heating apparatus according to one embodiment of the present invention comprises: a water inlet part into which water flows from the outside; a flow part in which the water, flowing into the water inlet part, flows; a heating part for heating the water flowing in the flow part; and a water outlet part for discharging, to the outside, the water heated by the heating part, wherein the flow part can comprise: a passage forming member disposed inside the heating part; and a close-pressing part for bringing the passage forming member into close contact with the heating part such that a heating passage is formed between the heating part and the passage forming member.

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Citation (search report)
• [A] KR 20100068624 A 20100624 - LIM BYOUNG MAN [KR]
• [A] KR 20120047470 A 20120514 - LEE JIN KYO [KR]
• [A] KR 20100119013 A 20101109 - LIM BYOUNG MAN [KR]
• [A] US 2014050466 A1 20140220 - GIFFELS THOMAS [DE], et al
• [A] DE 19737694 C1 19981029 - AUGUST BALKE ELEKTRO GERAETE G [DE]
• See references of WO 2016129780A1

Cited by
EP3412987A4; CN110513864A; EP3412986A4

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