

Title (en)
METHODS AND APPARATUS FOR DISTILLATION

Title (de)
DESTILLATIONSVERFAHREN UND GERÄT

Title (fr)
PROCÉDÉS ET APPAREIL DE DISTILLATION

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Application
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- US 93674007 A 20071107
- US 93674107 A 20071107

Abstract (en)
[origin: WO2008058242A2] In one embodiment, a method includes moving a first volume of fluid from a region above a heat-transfer element to a region below the heat-transfer element after the first volume of fluid is boiled from a second volume of fluid within the region above the heat-transfer element. The first volume of fluid including an impurity concentration lower than an impurity concentration of the second volume of fluid. The region below the heat-transfer element has a temperature higher than a temperature of the region above the heat-transfer element. The method also includes transferring latent heat from the first volume of fluid to a third volume of fluid on a top surface of the heat transfer element. The latent heat is released when the first volume of fluid condenses.

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Citation (search report)

- [X] US 3192130 A 19650629 - POTTHARST JR JOHN E
- [A] US 6436242 B1 20020820 - SANCHEZ BELMAR PEDRO JOAQUIN [ES]
- [A] US 3956072 A 19760511 - HUSE HENRY
- See references of WO 2008058242A2

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DOCDB simple family (publication)
WO 2008058242 A2 20080515; WO 2008058242 A3 20080904; AP 2009004887 A0 20090630; AU 2007317223 A1 20080515; BR PI0718704 A2 20140107; CA 2668972 A1 20080515; EP 2114543 A2 20091111; EP 2114543 A4 20120328; IL 198673 A0 20100217; JP 2010509057 A 20100325; JP 5479906 B2 20140423; KR 20090113358 A 20091030; MX 2009004875 A 20090710; TW 200843833 A 20081116

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