

Title (en)  
HOUSE WATER DECALCIFYING PROCESS

Title (de)  
VERFAHREN ZUM ENTKALKEN VON HAUSWASSER UND VORRICHTUNG ZUM DURCHFÜHREN DES VERFAHRENS

Title (fr)  
PROCEDE ET DISPOSITIF D'ADOUCCISSEMENT D'EAU DOMESTIQUE

Publication  
**EP 0842124 A1 19980520 (DE)**

Application  
**EP 96925708 A 19960710**

Priority  
• DE 29510964 U 19950710  
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Abstract (en)  
[origin: WO9703025A1] In a house water decalcifying process, a sufficient number of seed crystals is at first generated in the water to be decalcified, before the water is heated while flowing through a thermal section, and the carbonates generated in the thermal section are made to agglomerate into crystal aggregates around the seed crystals. The crystal aggregates are then removed by means of a filter or another separating system. The seed crystals are generated for example by a preliminary physical treatment or are added as lime particles if the water to be decalcified does not contain already a sufficient number of seed crystals. Also disclosed is a device for carrying out the process.

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**C02F 5/02**

IPC 8 full level  
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CPC (source: EP)  
**C02F 1/484** (2013.01); **C02F 5/02** (2013.01); **C02F 5/083** (2013.01); **C02F 2303/22** (2013.01)

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