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IN-SITU EVAPORATION

Title (de)  
IN-SITU VERDAMPFUNG

Title (fr)  
VAPORISATION IN SITU

Publication  
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Application  
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Abstract (en)  
[origin: WO03014522A1] The invention relates to methods for the exploitation of desirable geo-productive resources (for example, superheated steam, crude oil, fissuring) from boreholes with an at least partly cemented casing (4), whereby a pressure drop is generated from the rock chamber (5), surrounding the lower borehole chamber (3) to the above, which renders the geo-productive resource exploitable. According to the invention, the resource may be rendered more exploitable, whereby a pressure seal (70, 72, 74, 80) is fitted for a pressure separation between the lower borehole chamber (3) and the flow chamber (1, 14), above the pressure seal (70, 72, 74, 80) within the casing (4), a working pressure (preferably atmospheric pressure) is introduced into at least part of the flow chamber (1, 14) and the working pressure is introduced into the lower borehole chamber (3) and/or into the rock chamber surrounding the above. A vertically-displaceable valve tube (68) is preferably used as lower end section of the production pipe (7).

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