

Title (en)
WELLBORE INSULATION SYSTEM AND ASSOCIATED METHOD

Title (de)
BOHRLOCHISOLIERUNGSSYSTEM UND ZUGEHÖRIGES VERFAHREN

Title (fr)
SYSTÈME D'ISOLATION DE Puits DE FORAGE ET PROCÉDÉ ASSOCIÉ

Publication
EP 3207212 B1 20200422 (EN)

Application
EP 15777962 A 20151009

Priority

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Abstract (en)
[origin: WO2016058948A1] A wellbore arrangement is provided for controlling heat transfer between a tubular member located in a wellbore and a well system. The wellbore arrangement comprises a tubular member (22) arranged to transport a produced fluid from a subterranean reservoir (20) to a surface structure, wherein the produced fluid comprises or exhibits a pressure gradient in a direction along the length of the tubular member. A lower member (28) is provided between the tubular member (22) and a wall (18) of a well system, with a space (26) being provided and extending in an uphole direction from the lower member and between the tubular member and a wall of a well system. An insulating fluid at least partially fills the space, wherein a pressure gradient of the insulating fluid in a direction along the length of the tubular member is controlled to match or track the pressure gradient of the produced fluid.

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