

Title (en)
COMPONENT AND METHOD FOR GUIDING A HOT PRESSURIZED MEDIUM

Title (de)
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Title (fr)
ELEMENT ET PROCEDE POUR CONDUIRE UN MILIEU CHAUD SOUMIS A UNE PRESSION ELEVEE

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Abstract (en)
[origin: WO0102702A1] The invention relates to a component for guiding a hot high-temperature medium (50) that is subjected to a high-temperature pressure. A low-temperature zone (56) of the component surrounds a high-temperature zone (54) in which the high-temperature medium (50) is guided. A low-temperature medium (61) is guided in the low-temperature area (56) at least at half the pressure, preferably at the same or a higher pressure than the high-temperature pressure. The invention provides a component and a method that relieves the separation wall (58) that separates the low-temperature zone (56) from the high-temperature zone (54) and thus on the whole allows the construction of components with comparatively small wall thicknesses.

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