Title (en)
METHOD FOR REGULATING THE TEMPERATURE OF A HOT ISOSTATIC PRESS AND A HOT ISOSTATIC PRESS

Title (de)
VERFAHREN ZUR TEMPERIERUNG EINER HEISS ISOSTATISCHEN PRESSE UND EINE HEISS ISOSTATISCHE PRESSE

Title (fr)
PROCÉDÉ POUR RÉGULER LA TEMPÉRATURE D'UNE PRESSE ISOSTATIQUE À CHAUD ET PRESSE ISOSTATIQUE À CHAUD

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Abstract (en)
[origin: WO2010057670A1] The invention relates to a method for regulating the temperature of a hot isostatic press and to a hot isostatic press, comprising a pressure container (1) having an interior horizontal loading space (19) and insulation (8) arranged in between, wherein heating elements (4) and a loading space (19) having a load (18) are arranged inside the insulation (8), wherein at least one rotational flow (23) is developed actively or passively inside the pressure container (1), in addition to at least one existing natural or activated convection flow for heating or cooling or for maintaining a temperature level. An independent hot isostatic press or one suitable for said method is characterized in that active and/or passive means for developing a rotational flow (23), occurring substantially at an angle to the convection flow, are arranged in the pressure container (1).

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