

Title (en)
METHOD AND APPARATUS FOR PRODUCING AT LEAST ONE ARGON-ENRICHED FLUID AND AT LEAST ONE OXYGEN-ENRICHED FLUID FROM A RESIDUAL FLUID

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG MINDESTENS EINES ARGONANGEREICHERTEN FLUIDS UND MINDESTENS EINES SAUERSTOFFANGEREICHERTEN FLUIDS AUS EINEM RESTFLUID

Title (fr)
PROCEDE ET APPAREIL DE PRODUCTION D'AU MOINS UN FLUIDE ENRICHI EN ARGON ET AU MOINS UN FLUIDE ENRICHI EN OXYGENE A PARTIR D'UN FLUIDE RESIDUAIRE

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Abstract (en)
[origin: WO2010139884A2] The invention relates to a method for producing an argon-enriched fluid and an oxygen-enriched fluid from a fluid resulting from a method for purifying of oxy-fuel combustion fumes, wherein said method comprises purifying the residual gas by a purification method in order to produce a gas enriched with carbon dioxide (119) and a residual gas lean in carbon dioxide (120), pretreating the residual gas lean in carbon dioxide in order to obtain a flow enriched with carbon dioxide and a flow (123) lean in carbon dioxide, treating the flow lean in carbon dioxide by a cryogenic technique so as to extract at least an argon-enriched fraction (127), an oxygen-enriched fraction (126), and a fraction (125) lean in argon and/or oxygen.

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