

Title (en)

A WINDOW FOR A CENTRAL SOLAR RECEIVER WITH VOLUMETRIC ABSORBER

Title (de)

FENSTER FÜR SOLAREMPFÄNGER MIT VOLUMETRISCHEM ABSORBER

Title (fr)

FENETRE POUR UN RECEPTEUR SOLAIRE CENTRAL AVEC ABSORBEUR VOLUMETRIQUE

Publication

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Application

EP 95940535 A 19951020

Priority

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- US 9513629 W 19951020

Abstract (en)

[origin: WO9612918A1] A transparent window (4) for a solar radiation receiver assembly and a solar receiver assembly using the same, which assembly comprising a housing (2) having an aperture (3) and holding a volumetric solar absorber (5), the transparent window (4) mounted in the aperture (3) for the admission of incident concentrated solar radiation, shielding the volumetric solar absorber so as to form a sealed absorber chamber capable of holding a fluid medium, and means for the ingress and egress of the fluid medium. The transparent window (4) consists of a plurality of discrete transparent window segments (11, 12) set in a common matrix (10) and is capable of withstanding high temperature.

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