

Search history

Search 1: SFT=(vitria* and draw* and electrode) (Results 3)

1) Family number: 52239973 (US2014121474A)

© PatBase

APPARATUS, METHOD, AND COMPUTER-ACCESSIBLE MEDIUM FOR TRANSFORM ANALYSIS OF BIOMEDICAL DATA

Abstract: Source: US2014121474A Exemplary method, computer-readable medium and system can be provided for generating at least one information associated with at least one signal and/or data received from at least one structure. For example, it is possible to determine at least one basis based on a combination of a plurality of portions of the signal(s) and/or the data. It is also possible to generate the information(s) as a function of the basis.

Probable Assignee: TRUSTEES OF COLUMBIA UNIV IN CITY OF NEW YORK

Earliest Publication Date: 20121101

2) Family number: 1397888 (US2003029197A)

© PatBase

PROCESS FOR MELTING AND REFINING VITRIFIABLE MATERIALS

Abstract: Source: US2003029197A The subject of the invention is a process for melting and refining vitrifiable materials, such that all or part of the thermal energy necessary for melting the said vitrifiable materials is supplied by the combustion of fossil fuel(s) with at least one oxidizer gas, the said fuel(s)/gas or the gaseous products resulting from the combustion being injected below the level of the mass of vitrifiable materials (7). The refining of the vitrifiable materials after melting comprises at least one step of subjecting them to subatmospheric pressure. The invention also relates to the device for implementing the process and to its applications.

Probable Assignee: SAINT GOBAIN GLASS FRANCE

Earliest Publication Date: 19990715

3) Family number: 31460924 (US2005009235A)

© PatBase

METHOD OF FORMING A SCRIBE LINE ON A CERAMIC SUBSTRATE

Abstract: Source: US2005009235A A method of forming a scribe line having a sharp snap line entails directing a UV laser beam along a ceramic substrate such that a portion of the thickness of the ceramic substrate is removed. The UV laser beam forms a scribe line in the ceramic substrate in the absence of appreciable ceramic substrate melting so that a clearly defined snap line forms a region of high stress concentration extending into the thickness of the ceramic substrate. Consequently, multiple depthwise fractures propagate into the thickness of the ceramic substrate in the region of high stress concentration in response to a breakage force applied to either side of the scribe line to effect clean breakage of the ceramic substrate into separate circuit components. The formation of this region facilitates higher precision breakage of the ceramic substrate while maintaining the integrity of the interior structure of each component during and after application of the breakage force.

Probable Assignee: ELECTRO SCIENTIFIC IND INC

Earliest Publication Date: 20050113