

Title (en)

AMORPHOUS SILICA PRODUCTS AND METHODS OF PRODUCING AMORPHOUS SILICA PRODUCTS

Title (de)

PRODUKTE AUS AMORPHEM SILIZIUMDIOXID UND HERSTELLUNGSVERFAHREN VON PRODUKTEN AUS AMORPHEM SILIZIUMDIOXID

Title (fr)

PRODUITS DE SILICE AMORPHE ET PROCÉDÉS DE PRODUCTION DE PRODUITS DE SILICE AMORPHE

Publication

EP 4017837 A4 20231004 (EN)

Application

EP 20854062 A 20200824

Priority

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- US 2020047610 W 20200824

Abstract (en)

[origin: WO2021035209A1] Methods have been developed to produce amorphous silica materials including, but not limited to, glass, container glass, fiber glass, glass bead, sheet or plate glass, glass aggregate, glass sand, abrasives, proppants, foamed glass, and manufactured glass articles. The initial processing steps include preparing a melt batch comprising at least one silica containing component and other processing or product enhancing components, melting the melt batch, and cooling the melted melt batch. The batches include high concentrations of metal oxides, slags, combustible materials, limestone, other product or process enhancing compounds and combinations thereof.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] WO 2019147683 A1 20190801 - XARIS HOLDINGS LLC [US]
- [IA] US 2010162757 A1 20100701 - BRODIE SALLY H [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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