

[54] METHOD FOR THE SEPARATION OF URANIUM ISOTOPE COMPOUNDS ALREADY CONVERTED ISOTOPE-SELECTIVELY

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[21] Appl. No.: 313,617

[22] Filed: Oct. 21, 1981

Related U.S. Application Data

[63] Continuation of Ser. No. 92,643, Nov. 8, 1979, abandoned.

[30] Foreign Application Priority Data

Nov. 22, 1978 [DE] Fed. Rep. of Germany ..... 2850648

[51] Int. Cl.<sup>3</sup> ..... B01D 59/00; C01G 43/06

[52] U.S. Cl. .... 423/3; 55/17

[58] Field of Search ..... 55/17; 423/19, 3

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[57] ABSTRACT

Separation of heavier uranium isotope compounds from lighter uranium isotope compounds in a gas jet having supersonic velocity after one isotope is converted selectively by laser radiation. The gas jet is subjected to an oblique compression shock to abruptly change direction causing the lighter isotope compounds to be deflected unrestrained by guiding walls with the heavier isotope compounds continuing on substantially in the original direction of the gas jet. The heavier isotope compounds are collected in a collecting vessel.

1 Claim, 1 Drawing Figure

