

Title (en)

METHOD AND INSTALLATION FOR TREATING A NUCLEAR FUEL POWDER

Title (de)

VERFAHREN UND ANLAGE ZUM BEARBEITEN VON KERNBRENNSTOFFPULVER

Title (fr)

PROCEDE ET INSTALLATION DE TRAITEMENT D'UNE POUDRE COMBUSTIBLE NUCLEAIRE

Publication

EP 1138045 A1 20011004 (FR)

Application

EP 99956080 A 19991118

Priority

- FR 9902834 W 19991118
- FR 9814733 A 19981119

Abstract (en)

[origin: FR2786116A1] Processing of nuclear fuel powder in an oxide form, e.g. UO₂, comprises passing the powder through a reduction unit, retaining the coarse particles above a predetermined or critical size and subjecting to continuous reduction before mixing with the flow of fine particles. An Independent claim is also included for the apparatus for processing nuclear fuel, in which a particle reduction unit (24) incorporates a coarse particle retainer (44) with outlets (86) which allow the particles to pass through once they have been reduced below the critical size by a rotary conveyor unit (52) with cutters (58B) passing across grinder blades.

IPC 1-7

G21C 3/62; **B02C 18/06**

IPC 8 full level

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CPC (source: EP KR)

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