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(54) Title: A METHOD OF HIGH-DENSITY FOIL FABRICATION

(57) Abstract: A method for preparing flat foils having a high density includes the steps of mixing a powdered material with a binder to form a green sheet. The green sheet is exposed to a high intensity radiative source adapted to emit radiation of wavelengths corresponding to an absorption spectrum of the powdered material. The surface of the green sheet is heated while a lower sub-surface temperature is maintained. An apparatus for preparing a foil from a green sheet using a radiation source is also disclosed.



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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F27B9/06 B22F5/00 B22F3/22 C04B35/622 C04B35/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 330 654 A (SWEET ROGER G) 11 July 1967 (1967-07-11) column 4, line 19 - column 5, line 4 column 7, line 1 - line 40; claim 1 ---	1-35
A	US 4 003 716 A (KLEINER RICHARD N ET AL) 18 January 1977 (1977-01-18) example 2 ---	8,9,23, 24
A	DE 38 22 883 A (SMT MASCHINENGESELLSCHAFT MBH) 11 January 1990 (1990-01-11) claim 1 ---	28-35
A	DE 22 00 971 B (PREUSSAG) 28 June 1973 (1973-06-28) claims 1-4 ---	1
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 720 511 A (DAVIES I ET AL) 13 March 1973 (1973-03-13) column 4, line 27 - line 52 -----	1

INTERNATIONAL SEARCH REPORT
Information on patent family members

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