

Title (en)  
METHOD AND PLANT FOR DEPOLYMERISING MATERIALS CONTAINING HYDROCARBONS BY USING A CENTRIFUGE FOR SEPARATING LIQUID FROM SOLID FRACTIONS

Title (de)  
VERFAHREN UND ANLAGE ZUR DEPOLYMERISATION VON MATERIALIEN ENTHALTEND KOHLENWASSERSTOFFE VERWENDEND EINE ZENTRIFUGE ZUR TRENNUNG VON FEST- UND FLÜSSIGSTOFFE.

Title (fr)  
PROCÉDÉ ET INSTALLATION DE DÉPOLYMÉRISATION DE MATIÈRES CONTENANT DES HYDROCARBURES UTILISANT UNE CENTRIFUGE POUR SEPARER DES FRACTIONS LIQUIDES DES SOLIDES

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Abstract (en)  
[origin: WO2011144322A2] The invention relates to a method and a plant for depolymerising materials containing hydrocarbons, such as residues, synthetic polymers containing hydrocarbon, or also used oil, wherein in a fission reactor the material is converted into a gaseous fraction and a bottom fraction and in a device for separating a solid fraction and a liquid fraction, the bottom fraction is divided into a liquid fraction and a fraction containing solid material.

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**C10G 1/02** (2013.01); **C10G 1/10** (2013.01); **C10G 9/02** (2013.01); **C10G 2300/1003** (2013.01)

Citation (search report)  
See references of WO 2011144322A2

Citation (examination)  
• US 2006070912 A1 20060406 - KHAN M R [SA]  
• US 2008264771 A1 20081030 - DAM-JOHANSEN KIM [DK], et al  
• F. B. BOUCHER ET AL: "PYROLYSIS OF INDUSTRIAL WASTES FOR OIL AND ACTIVATED CARBON RECOVERY", ENVIRONMENTAL PROTECTION TECHNOLOGY SERIES, 31 May 1977 (1977-05-31), pages 73 - 76, XP055404176, Retrieved from the Internet <URL:https://books.google.de/books?id=FcdR0fZfGb8C> [retrieved on 20170906]

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