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(54) Title: A PROCESS FOR THE PRODUCTION OF HYDROLYSED PLANT MATERIAL

(57) Abstract: The invention relates to a process for the production of hydrolyzed lignocellulosic materials. In particular the present invention relates to a process wherein the hydrolyzed lignocellulosic materials are further processed to bio fuels and/or animal or human food. The process involves providing and maintaining one or more reaction zones at sufficient time, temperature, pressure and wavelength of UV-light, for allowing the synthesis of a first product ozone and a second product atomic oxygen from oxygen in a reaction zone by subjecting humidified air to UV- light. Subsequently, the process involves synthesis of a third product hydroxide from water and the synthesis product ozone in a reaction zone by subjecting said ozone and water to UV-light, thereby obtaining a mixture comprising atomic oxygen and hydroxide. Finally, the process involves impregnating the plant material with said mixture.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

D21C

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

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X	WO 96/33308 A (R J HOLDING COMPANY [US]) 24 October 1996 (1996-10-24) page 7, line 7 - page 15, line 30; claims 1-34; figure 1; examples 1,2	2-4
A	US 2005/067124 A1 (SATYAVOLU JAGANNADH V [US] ET AL) 31 March 2005 (2005-03-31) the whole document	2-22
A	US 4 002 526 A (BROWN KENTON J ET AL) 11 January 1977 (1977-01-11) example 3	2-22
A	WO 92/08842 A (DU PONT [US]) 29 May 1992 (1992-05-29) the whole document	2-22
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☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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