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RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
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[Continued on next page]

(54) Title: METHODS OF HYDROLYZING PRETREATED DENSIFIED BIOMASS PARTICULATES AND SYSTEMS RE-
LATED THERETO

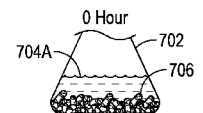


FIG. 7A
HYDROLYSIS OF HYDROLYSABLE
DENSIFIED PARTICULATES

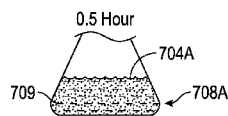


FIG. 7B
HYDROLYSIS OF HYDROLYSABLE
DENSIFIED PARTICULATES

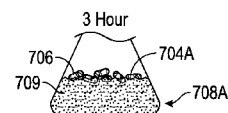


FIG. 7C
HYDROLYSIS OF HYDROLYSABLE
DENSIFIED PARTICULATES

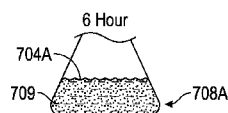


FIG. 7D
HYDROLYSIS OF HYDROLYSABLE
DENSIFIED PARTICULATES

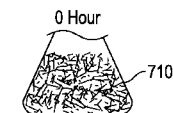


FIG. 7E
HYDROLYSIS OF LOOSE
BIOMASS FIBERS

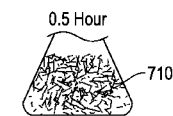


FIG. 7F
HYDROLYSIS OF LOOSE
BIOMASS FIBERS

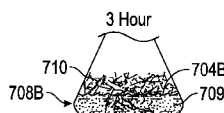


FIG. 7G
HYDROLYSIS OF LOOSE
BIOMASS FIBERS

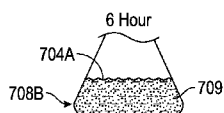


FIG. 7H
HYDROLYSIS OF LOOSE
BIOMASS FIBERS

(57) Abstract: A method is provided in which pretreated and
densified cellulosic biomass particulates can be hydrolyzed at a
high solids loading rate as compared with the solids loading
rate of loose hydrolysable cellulosic biomass fibers. The res-
ulting high concentration sugar-containing stream can be
easily converted to biofuels or an entire suite of other useful
bioproducts.



TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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