

Title (en)

SYSTEM AND METHOD FOR PRODUCING FUELS FROM BIOMASS/PLASTIC MIXTURES

Title (de)

ANLAGE UND VERFAHREN ZUR ERZEUGUNG VON TREIBSTOFFEN AUS BIOMASSE / KUNSTSTOFF - GEMISCHEN

Title (fr)

INSTALLATION ET PROCÉDÉ DE PRODUCTION DE CARBURANTS À PARTIR DE MÉLANGES DE BIOMASSE ET DE PLASTIQUE

Publication

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Application

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Abstract (en)

[origin: WO2012016633A2] The invention relates to a method for producing fuels from solid biomass and plastics, characterized in that in a first step biomass and plastics are dispersed at 300-400°C in the presence of recycled carrier oil; in a second step the obtained mixture is brought to reaction at 300-400°C; in a third step the arising gaseous, liquid, and solid products are separated from each other and optionally further processed; wherein the ratio of biomass to plastic is in the range of 80:20 to 10:90 wt % and wherein the method is conducted without externally supplying carrier oil and wherein the method is conducted without externally supplying catalyst. The invention further relates to systems for carrying out the method.

IPC 8 full level

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Citation (search report)

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