

Title (en)

Gasification with biomass pre pyrolysis and further gasification of the gases

Title (de)

Vergasung mit Vorpyrolyse von Biomasse und zusätzlicher Vergasung der Gase

Title (fr)

Gazéification avec pré-pyrolyse de biomasse et gazéification additionnelle des gaz

Publication

EP 1447438 B1 20150708 (DE)

Application

EP 03002689 A 20030212

Priority

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Abstract (en)

[origin: EP1447438A1] Device for producing a gas from biomass or similar material pre-pyrolyzes the material using a screw (5).

IPC 8 full level

C10J 3/10 (2006.01); **C10J 3/00** (2006.01); **C10J 3/32** (2006.01); **C10J 3/62** (2006.01); **C10J 3/66** (2006.01); **C10J 3/72** (2006.01); **C10J 3/84** (2006.01); **F23G 5/027** (2006.01)

CPC (source: EP)

C10J 3/007 (2013.01); **C10J 3/10** (2013.01); **C10J 3/32** (2013.01); **C10J 3/62** (2013.01); **C10J 3/66** (2013.01); **C10J 3/723** (2013.01); **C10J 3/84** (2013.01); **F23G 5/027** (2013.01); **C10J 2200/158** (2013.01); **C10J 2300/0916** (2013.01); **C10J 2300/0943** (2013.01); **C10J 2300/0956** (2013.01); **C10J 2300/1223** (2013.01); **C10J 2300/1609** (2013.01); **C10J 2300/1846** (2013.01); **F23G 2201/304** (2013.01); **F23G 2201/40** (2013.01); **F23G 2203/8013** (2013.01); **F23G 2207/101** (2013.01); **F23G 2209/26** (2013.01)

Cited by

EP1865045A1; EP2769148A4; CN115247084A; DE102006019452A1; DE102006019452B4; US9446975B2; WO2007121733A3; WO2011101020A1

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Designated extension state (EPC)

MK

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