

Title (en)
PROCESS AND SYSTEM FOR GASIFICATION OF FEEDSTOCK

Title (de)
VERFAHREN UND ANLAGE ZUR VERGASUNG VON EINSATZMATERIAL

Title (fr)
PROCÉDÉ ET SYSTÈME POUR LA GAZÉIFICATION DES MATERIAUX

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Application
EP 14781446 A 20141007

Priority

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Abstract (en)
[origin: WO2015058837A1] The invention relates to a plant for at least partly gasifying solid organic input material, with a low-temperature gasifier (1) in which pyrolysis can yield a tar-containing pyrolysis gas (B) from a solid organic input material (A), and with a high-temperature gasifier (2) having an oxidation unit (21) and an endothermic gasifier (22), where the pyrolysis gas (E) can be converted to a synthesis gas (D) by partial oxidation in the oxidation unit (21) followed by partial reduction in the endothermic reactor (22), said endothermic reactor (22) having a form which widens conically in the vertical direction and which has at least one side offtake to take off unwanted particulate solids at not less than one height (H), more particularly at not less than two or more different heights (H).

IPC 8 full level
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Citation (search report)
See references of WO 2015058837A1

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