

Title (en)  
PROCESS FOR PRODUCING SYNTHETIC OR FUEL GASSES FROM SOLID OR PASTY RESIDUES AND WASTE OR LOW-GRADE FUELS IN A GASIFYING REACTOR

Title (de)  
VERFAHREN ZUM HERSTELLEN VON SYNTHESE- ODER BRENNGASEN AUS FESTEN ODER PASTÖSEN REST- UND ABFALLSTOFFEN ODER MINDERWERTIGEN BRENNSTOFFEN IN EINEM VERGASUNGSREAKTOR

Title (fr)  
PROCEDE DE PRODUCTION DE GAZ SYNTHETIQUES OU COMBUSTIBLES A PARTIR DE RESIDUS ET DE DECHETS SOLIDES OU PATEUX OU DE COMBUSTIBLES A FAIBLE POUVOIR CALORIFIQUE DANS UN REACTEUR DE GAZEIFICATION

Publication  
**EP 0600923 B1 19960828 (DE)**

Application  
**EP 92916028 A 19920715**

Priority  
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• EP 9201607 W 19920715

Abstract (en)  
[origin: EP0523815A1] For a process for producing synthesis gases and/or fuel gases from residues and waste materials containing organic constituents and/or low-grade fuels (feedstocks) by means of oxygen-containing gases, using a pneumatic gasifier or shaft gasifier, the object is to ensure the most uniform product gas quality possible, in spite of the difficulties in handling the feedstock, which can especially also be light shredder material from motor vehicle recycling. For this purpose, a pyrolysis treatment stage is provided upstream of the gasification reactor, the solid material obtained downstream of the pyrolysis treatment stage being gasified in the gasification reactor to give a product gas and the gas fraction obtained downstream of the pyrolysis treatment stage being used in the production process for introducing process heat and/or for the production of further product gas. <IMAGE>

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**C10J 3/66**; **C10J 3/58**

IPC 8 full level  
**C10J 3/00** (2006.01); **C10J 3/58** (2006.01); **C10J 3/66** (2006.01)

CPC (source: EP)  
**C10J 3/58** (2013.01); **C10J 3/66** (2013.01); **C10K 1/00** (2013.01); **C10J 2300/1606** (2013.01); **C10J 2300/1643** (2013.01); **C10J 2300/1807** (2013.01)

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Cited by  
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**EP 0523815 A1 19930120**; AU 2344492 A 19930223; CA 2113636 A1 19930204; DE 4123406 A1 19930121; DE 4123406 C2 19950202; DE 59207017 D1 19961002; EP 0600923 A1 19940615; EP 0600923 B1 19960828; FI 106314 B 20010115; FI 940184 A0 19940114; FI 940184 A 19940311; JP 3203580 B2 20010827; JP H07502766 A 19950323; WO 9302162 A1 19930204

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