

Title (en)

PROCESS FOR OBTAINING SYNTHESIS GAS EITHER FROM SOLID FUELS DERIVED FROM URBAN SOLID WASTE, OR FROM INDUSTRIAL SOLID WASTE

Publication

EP 0381254 B1 19930331 (EN)

Application

EP 90200063 A 19900110

Priority

IT 1925189 A 19890131

Abstract (en)

[origin: EP0381254A1] A process is disclosed, by means of which synthesis gas can be obtained either from solid fuels derived from urban solid waste (RDF), or from industrial solid waste, characterized in that said solid fuels (RDF) or said industrial solid waste are gasified with essentially pure oxygen under a pressure comprised within the range of from 1 to 100 abs.atm, by co-currently feeding said reactants to a gasifier as adiabatic as possible, and that the gas leaving the gasifier is treated in order to remove the polluting, acidic gases, by means of a washing step.

IPC 1-7

C10J 3/14; **C10J 3/16**; **C10J 3/26**

IPC 8 full level

C10J 3/14 (2006.01); **C10J 3/16** (2006.01); **C10J 3/26** (2006.01)

CPC (source: EP)

C10J 3/14 (2013.01); **C10J 3/16** (2013.01); **C10J 3/26** (2013.01); **C10J 3/80** (2013.01); **C10K 1/003** (2013.01); **C10K 1/122** (2013.01); **C10J 2300/0946** (2013.01); **C10J 2300/0959** (2013.01)

Cited by

DE19906891C2; WO9937738A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

EP 0381254 A1 19900808; **EP 0381254 B1 19930331**; AT E87647 T1 19930415; DE 69001181 D1 19930506; DE 69001181 T2 19930805; DK 0381254 T3 19930802; ES 2041113 T3 19931101; IT 1229516 B 19910903; IT 8919251 A0 19890131

DOCDB simple family (application)

EP 90200063 A 19900110; AT 90200063 T 19900110; DE 69001181 T 19900110; DK 90200063 T 19900110; ES 90200063 T 19900110; IT 1925189 A 19890131