

Title (en)

PROCESS AND APPARATUS FOR THE LOW TEMPERATURE CARBONIZATION OF AT LEAST PARTIALLY ORGANIC WASTE

Publication

EP 0520977 A3 19930113 (DE)

Application

EP 92890153 A 19920624

Priority

AT 126491 A 19910625

Abstract (en)

[origin: EP0520977A2] In order to be able to carbonise waste materials with organic constituents economically in a low-temperature carbonisation process, by heating the waste materials during their continuous conveyance along a treatment section to a suitable carbonisation temperature with air largely excluded, it is proposed that the carbonisation gases fed to the treatment section on the inlet side and flowing upwards at least in the region where the waste materials are charged, are passed along upstream of or in the region, where the waste materials are charged, at a higher flow velocity than in the region of the downstream treatment section, the waste materials taken along by the carbonisation gases as a carrier gas stream being heated in free flight in the hot carbonisation gases, while the non-carbonisable residual materials are precipitated out of the carrier gas stream against the upwards-directed gas flow. <IMAGE>

IPC 1-7

C10B 53/00

IPC 8 full level

C10B 49/10 (2006.01); **C10B 53/00** (2006.01)

CPC (source: EP)

C10B 49/10 (2013.01); **C10B 53/00** (2013.01)

Citation (search report)

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- [A] DE 1160823 B 19640109 - KLOECKNER HUMBOLDT DEUTZ AG, et al

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Designated contracting state (EPC)

CH DE DK FR LI NL SE

DOCDB simple family (publication)

EP 0520977 A2 19921230; EP 0520977 A3 19930113; AT 398206 B 19941025; AT A126491 A 19940215

DOCDB simple family (application)

EP 92890153 A 19920624; AT 126491 A 19910625