

Title (en)
Co-current gasifier

Title (de)
Gleichstromvergaser

Title (fr)
Gazéificateur à équicourant

Publication
EP 0531778 B1 19960515 (DE)

Application
EP 92114292 A 19920821

Priority
CH 248191 A 19910823

Abstract (en)
[origin: EP0531778A1] The co-current gasifier according to the invention has a combustion chamber (1) which is closed off at the bottom at most by a grating (9) for ash removal and is equipped inside with a rotating screw (11), in order to feed upwards the material which is to be gasified and has passed through the firing zone (4). Apart from the technical advantages inherent in the basic principle concerning the purity of the gasification gas produced, the advantages of the co-current gasifier represented here are those of reduced dimensions, which allow the gasifier also to be used suitably for installations with restricted outputs. It is suitable for engine use and for heating use. <IMAGE>

IPC 1-7
C10J 3/26; **C10J 3/58**

IPC 8 full level
C10J 3/26 (2006.01); **C10J 3/58** (2006.01)

CPC (source: EP)
C10J 3/26 (2013.01); **C10J 3/58** (2013.01); **C10J 2200/156** (2013.01); **C10J 2200/158** (2013.01)

Cited by
EP0924288A3; KR20130016270A; EP2547751A4; DE4417082C1; SE2251168A1; WO2010046222A3; US10214701B2; US10428285B2; WO2024076286A1

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