

Title (en)  
GAS GENERATOR

Title (de)  
GASGENERATOR

Title (fr)  
GENERATEUR DE GAZ

Publication  
**EP 1558708 B1 20080813 (EN)**

Application  
**EP 03753629 A 20031021**

Priority  
• FI 0300780 W 20031021  
• FI 20021946 A 20021101

Abstract (en)  
[origin: WO2004039925A1] A gas generator comprising a substantially cylindrical gasifier vessel (1), a grate (2) on which solid fuel (8) being combusted is fed, a gasifier throat (6) forming in the gasifier vessel (1) a portion with a cross section narrower than that of the other portion of the gasifier, and gasification air nozzles (4) adapted above the gasifier throat (6) to the gasifier vessel (1). The invention is implemented by way of adapting at the gasifier throat (6), substantially concentric with the center axis of the cylindrical gasifier vessel (1), an upward tapering control element (5) of the gasifier throat cross-sectional area.

IPC 8 full level  
**C10J 3/34** (2006.01); **C10J 3/20** (2006.01)

CPC (source: EP)  
**C10J 3/20** (2013.01); **C10J 2200/09** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004039925 A1 20040513**; AT E404653 T1 20080815; AU 2003271794 A1 20040525; DE 60322934 D1 20080925;  
EP 1558708 A1 20050803; EP 1558708 B1 20080813; ES 2314231 T3 20090316; FI 113781 B 20040615; FI 20021946 A0 20021101;  
JP 2006504820 A 20060209; PT 1558708 E 20081002

DOCDB simple family (application)  
**FI 0300780 W 20031021**; AT 03753629 T 20031021; AU 2003271794 A 20031021; DE 60322934 T 20031021; EP 03753629 A 20031021;  
ES 03753629 T 20031021; FI 20021946 A 20021101; JP 2004547678 A 20031021; PT 03753629 T 20031021