

Title (en)

Batch type combustion process and apparatus.

Title (de)

Verfahren und Vorrichtung zur Verbrennung mit schubweiser Brennstoffzufuhr.

Title (fr)

Procédé et dispositif pour la combustion d'un combustible, alimenté par fournée.

Publication

**EP 0039670 A4 19820610 (EN)**

Application

**EP 79901112 A 19790209**

Priority

US 7900082 W 19790209

Abstract (en)

[origin: WO8001713A1] An improved process of the type wherein a fuel is first pyrolyzed in a chamber (14) and the resulting volatiles and non-volatiles then transferred to a combustion region (18) for burning, the improvement comprising temporarily storing at least a portion of the volatiles in an enclosure (24) spaced from the chamber (14) and the combustion region (18) when volatiles production exceeds the volatiles incineration capability of the combustion region. Apparatus for carrying out the method of the invention is also disclosed.

IPC 1-7

**F23B 7/00**

IPC 8 full level

**F23G 5/027** (2006.01); **F23G 5/46** (2006.01); **F23G 7/10** (2006.01)

CPC (source: EP)

**F23B 1/38** (2013.01); **F23B 5/04** (2013.01); **F23G 5/027** (2013.01); **F23G 5/46** (2013.01); **F23G 7/105** (2013.01); **F23G 2201/303** (2013.01); **F23G 2201/304** (2013.01)

Citation (search report)

- US 3787292 A 19740122 - KEAPPLER E
- DE 2323654 A1 19731122 - FUNK HARALD F
- US 3771468 A 19731113 - KELLY P

Designated contracting state (EPC)

CH DE FR GB SE

DOCDB simple family (publication)

**WO 8001713 A1 19800821**; DE 2967003 D1 19840628; EP 0039670 A1 19811118; EP 0039670 A4 19820610; EP 0039670 B1 19840523

DOCDB simple family (application)

**US 7900082 W 19790209**; DE 2967003 T 19790209; EP 79901112 A 19790209