



⑪ Publication number:

0 180 355
A3

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EUROPEAN PATENT APPLICATION

②¹ Application number: 85307242.9

⑤ Int. Cl.4: C10G 11/18

②② Date of filing: 10.10.85

③ Priority: 30.10.84 US 666533

④ Date of publication of application:
07.05.86 Bulletin 86/19

⑧ Designated Contracting States:
BE DE FR GB IT NL

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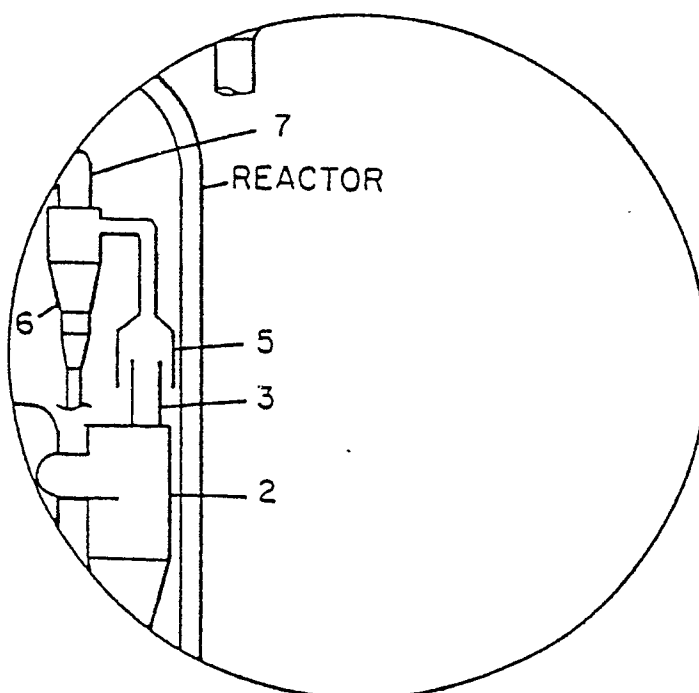
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⑤④ Quenched catalytic cracking process.

57 A fluidized catalytic riser cracking process is disclosed wherein a quench stream, preferably water or steam, is injected downstream of the riser reactor to decrease the

residence time and temperature of of hydrocarbons in a reactor vessel accepting riser reactor effluent.

CLOSED CYCLONE



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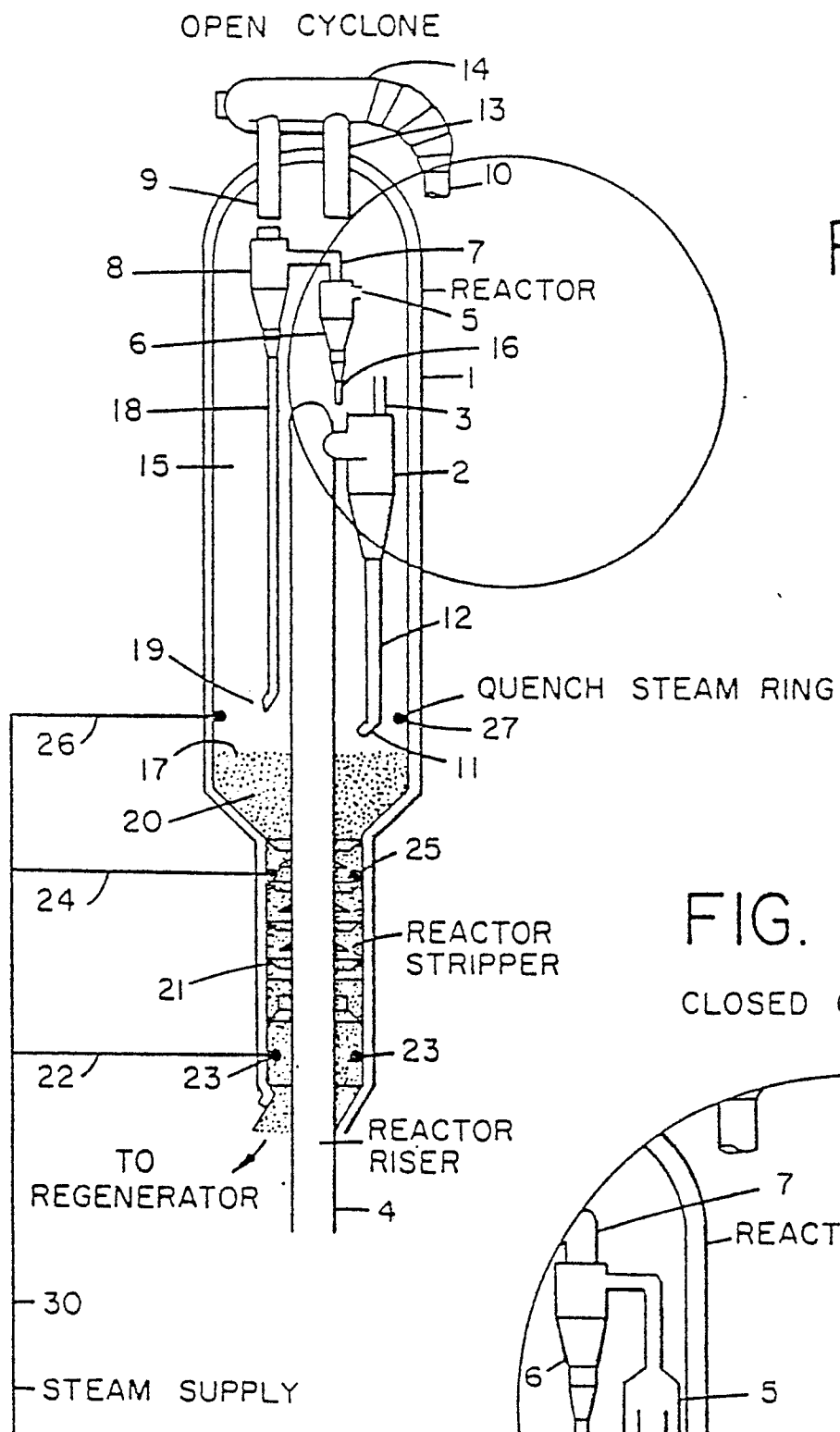
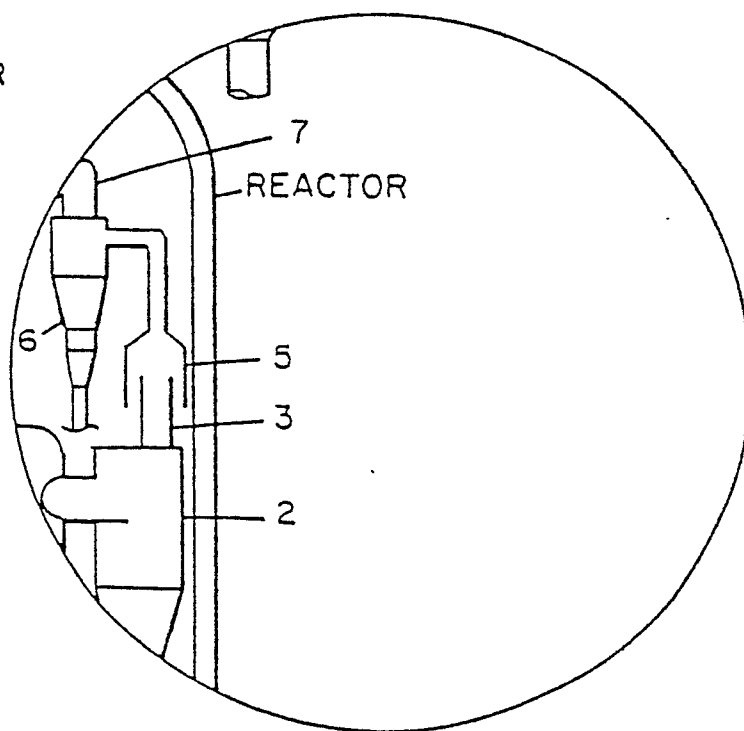


FIG. 1

FIG. 2

CLOSED CYCLONE





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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	US-A-4 478 708 (FARNSWORTH) * Figure 1; claims 9-14 *	1-10	C 10 G 11/18
A	US-A-4 043 899 (ANDERSON et al.) * Figures 1,2; claim 1 *		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			C 10 G B 01 J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-04-1986	Examiner MICHIELS P.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	