

Title (en)  
PROCESS FOR STEAM-CRACKING HYDROCARBONS.

Title (de)  
VERFAHREN ZUM DAMPFKRACKEN VON KOHLENWASSERSTOFFEN.

Title (fr)  
PROCEDE DE VAPOCRAQUAGE D'HYDROCARBURES.

Publication  
**EP 0425633 B1 19940727**

Application  
**EP 90907103 A 19900413**

Priority  

- FR 8904986 A 19890414
- FR 8909375 A 19890712
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- FR 9000273 W 19900413

Abstract (en)  
[origin: US5177292A] PCT No. PCT/FR90/00273 Sec. 371 Date Dec. 12, 1990 Sec. 102(e) Date Dec. 12, 1990 PCT Filed Apr. 13, 1990 PCT Pub. No. WO90/12852 PCT Pub. Date Nov. 1, 1990. A method of steam cracking hydrocarbons in a steam cracking furnace (10) having tubes (12) connected to indirect quench means (16) for the gaseous effluent leaving the furnace, the method consisting in allowing a layer of hard coke to form on the inside walls of the furnace tubes (12) and then in injecting a small quantity of solid erosive particles into the steam and hydrocarbon feedstock to be cracked, with the particles being separated from the gaseous effluent in a cyclone (28) provided at the outlet from the indirect quench means. The invention serves in particular to enable a steam cracking installation to operate continuously.

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IPC 8 full level  
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US 4046670 A 19770906 - SEGUCHI KOJI, et al

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US8173382B2; US8357495B2; US5800983A; EP2311993A2; EP2163651A1; WO2012006500A2; WO2012150959A1; WO2012125582A1; US7479537B2; WO2011068680A1; US8652788B2; US7776605B2; WO2011140234A1; WO2011068681A1; US8835120B2; US10107826B2; WO2011068676A1; US8183002B2; US8304201B2; US8574858B2; US10345311B2; EP3564384A1; US10444242B2; EP3916103A1; US11428694B2; US7615613B2; US7615614B2; US7619061B2; US6846905B2; US7883845B2; EP2305818A2; US8785596B2; EP2055780A2

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