

Title (en)

PROCESS FOR TREATING THE WALL OF A REACTOR BY VIBRATIONS

Title (de)

VERFAHREN ZUR BEHANDLUNG EINER REAKTORWAND MITTELS SSHWINGUNGEN

Title (fr)

PROCEDE SERVANT A TRAITER LA PAROI D'UN REACTEUR AU MOYEN DE VIBRATIONS

Publication

EP 0948401 A1 19991013 (EN)

Application

EP 97950290 A 19971219

Priority

- FR 9616341 A 19961227
- GB 9703500 W 19971219

Abstract (en)

[origin: FR2757784A1] The present invention relates to a process for the treatment of the inner wall of a fluidised bed reactor (1) for the gas phase polymerisation of olefins. Said treatment consists in the cleaning of the inner wall of the reactor from sticking fines or agglomerates by applying a vibration on the outer reactor wall which is generated by an excitator (11, 12). Fouling of the reactor is eliminated thanks to a simple mechanical method which is easy to implement on existing plants.

IPC 1-7

B01J 19/28; **B01J 8/40**; **C08F 10/00**

IPC 8 full level

B01J 8/40 (2006.01); **B08B 7/02** (2006.01); **C08F 2/01** (2006.01); **C08F 2/34** (2006.01); **C08F 10/00** (2006.01)

CPC (source: EP)

B01J 8/40 (2013.01); **B08B 7/02** (2013.01); **C08F 10/00** (2013.01)

Citation (search report)

See references of WO 9829186A1

Designated contracting state (EPC)

AT BE DE ES FI FR GB GR IT NL PT SE

DOCDB simple family (publication)

FR 2757784 A1 19980703; **FR 2757784 B1 19990129**; AU 5330098 A 19980731; EP 0948401 A1 19991013; JP 2001507277 A 20010605; NO 993165 D0 19990625; NO 993165 L 19990824; WO 9829186 A1 19980709

DOCDB simple family (application)

FR 9616341 A 19961227; AU 5330098 A 19971219; EP 97950290 A 19971219; GB 9703500 W 19971219; JP 52973898 A 19971219; NO 993165 A 19990625