

Title (en)

RAMAN ANALYSIS SYSTEM FOR OLEFIN POLYMERIZATION CONTROL

Title (de)

RAMAN ANALYSENSYSTEM ZUR OLEFINPOLYMERISATIONSKONTROLLE

Title (fr)

SYSTEME D'ANALYSE RAMAN POUR UNE COMMANDE DE POLYMERISATION D'OLEFINES

Publication

EP 1214362 A1 20020619 (EN)

Application

EP 00942764 A 20000612

Priority

- US 0016168 W 20000612
- US 14663299 P 19990730

Abstract (en)

[origin: WO0109203A1] Method of olefin polymerization in a reactor, such as a slurry loop olefin polymerization reactor, is provided. The method includes conducting in-situ, real time spectroscopic analysis of one or more reactor constituents. The reactor constituents analyzed may be present in the reactor in either the liquid phase or the solid phase, or both. In response to the measured in-situ values, one or more reactor constituents may be metered into the reactor.

IPC 1-7

C08F 10/00; **C08F 2/00**; **G01N 11/02**; **G01N 21/00**

IPC 8 full level

C08F 2/00 (2006.01); **C08F 10/00** (2006.01); **C08F 210/16** (2006.01)

CPC (source: EP)

C08F 10/00 (2013.01); **C08F 210/16** (2013.01); **C08F 2400/02** (2013.01)

C-Set (source: EP)

1. **C08F 10/00** + **C08F 2/00**
2. **C08F 210/16** + **C08F 210/14** + **C08F 2500/12**

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DOCDB simple family (publication)

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US 0020632 W 20000728; AT 00950854 T 20000728; BR 0012874 A 20000728; CA 2381567 A 20000728; DE 60022661 T 20000728; EP 00942764 A 20000612; EP 00950854 A 20000728; ES 00950854 T 20000728; US 0016168 W 20000612