Title (en)
A PROCESS FOR PREPARING MOLECULAR SIEVE BEADS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MOLSIEBPERLEN

Title (fr)
PROCÉDÉ DE PRÉPARATION DE PERLES DE TAMIS MOLÉCULAIRE

Publication
EP 2326593 A4 20120912 (EN)

Application
EP 08823506 A 20080925

Priority
US 2008077590 W 20080925

Abstract (en)
[origin: WO2010036252A1] A process for preparing beads of various compositions has been developed. The process involves preparing a reaction mixture of sources of framework elements of a molecular sieve. The reaction mixture can optionally contain molecular sieve seeds. Additional sources of the framework elements are added to give a concentration above the critical supersaturation limit thereby forming beads. Depending on the composition of the reaction mixture and the reaction conditions one can obtain beads which are substantially amorphous, to beads that are substantially crystalline molecular sieve. These beads in turn can be further processed to deposit a molecular sieve layer onto the beads.

IPC 8 full level
C01B 39/02 (2006.01); **B01J 29/04** (2006.01)

CPC (source: EP KR)
B01J 29/04 (2013.01 - KR); **B01J 29/06** (2013.01 - EP); **B01J 29/084** (2013.01 - EP); **B01J 35/51** (2024.01 - EP); **C01B 37/08** (2013.01 - EP); **C01B 39/02** (2013.01 - KR); **C01B 39/54** (2013.01 - EP); **C10G 11/05** (2013.01 - EP); **C10G 45/12** (2013.01 - EP); **C10G 45/64** (2013.01 - EP); **C10G 47/16** (2013.01 - EP); **C10G 50/00** (2013.01 - EP); B01J 2229/36 (2013.01 - EP); B01J 2229/62 (2013.01 - EP); B01J 2229/64 (2013.01 - EP)

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