

Title (en)

Method for the preparation of high-density zeolite granules.

Title (de)

Verfahren zur Herstellung zeolithhaltiger Granulate hoher Dichte.

Title (fr)

Méthode de préparation de granules en zéolite de haute densité.

Publication

**EP 0368137 B1 19940105 (DE)**

Application

**EP 89120266 A 19891102**

Priority

DE 3838086 A 19881110

Abstract (en)

[origin: EP0368137A1] In a process for producing granules with high apparent density, containing fine crystalline zeolite and salts of (co)polymeric carboxylic acids, in particular acrylic acid-maleic acid copolymers, a dried preliminary mixture of the zeolite and polycarboxylate is prepared, converted to granules with simultaneous addition of water, and dried. The granules contain 60 to 80 wt.% of zeolite (calculated on the anhydrous basis), 2 to 15 wt.% of polycarboxylate and 14 to 25 wt.% of water, including the water bound to the zeolite.

IPC 1-7

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IPC 8 full level

**B01J 20/18** (2006.01); **C01B 39/14** (2006.01); **C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **C11D 11/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP KR)

**C11D 3/00** (2013.01 - KR); **C11D 3/128** (2013.01 - EP); **C11D 3/3761** (2013.01 - EP); **C11D 17/065** (2013.01 - EP)

Cited by

EP0639638A1; GB2341866B; EP3241889A1; US5616550A; US5108646A; US6841614B1; US10465150B2; US7834243B2; WO9310210A1; WO2017192659A1; WO0025906A1; WO0016816A1; WO9217565A1; WO9405764A1; WO9210559A1; WO9323523A1

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