

Title (en)

PROCESS FOR PRODUCING HIGH-DENSITY ZEOLITE-CONTAINING GRANULES.

Title (de)

VERFAHREN ZUR HERSTELLUNG ZEOLITHHALTIGER GRANULATE HOHER DICHT.

Title (fr)

PROCEDE DE FABRICATION DE GRANULES DE HAUTE DENSITE CONTENANT DE LA ZEOLITHE.

Publication

EP 0442923 A1 19910828 (DE)

Application

EP 89912426 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.

Abstract (fr)

On obtient des granulés de haute densité apparente, qui contiennent de la zéolithe en fins cristaux et des sels d'acides carboxyliques (co)polymères, en particulier des copolymères d'acide maléique-acide acrylique, de la manière suivante: on fabrique tout d'abord un premier mélange sec de zéolithe et de polycarboxylate que l'on transforme ensuite en granulés, en ajoutant de l'eau, avant de le sécher. Lesdits granulés contiennent entre 60 et 80 % en poids de zéolithe (% de la matière sans eau), entre 2 et 15 % en poids de polycarboxylate et entre 14 et 25 % en poids d'eau, y compris l'eau fixée à de la zéolithe.

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IPC 8 full level

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EP 89120266 A 19891102; DE 3838086 A 19881110; DE 58906639 T 19891102; DK 86891 A 19910508; EP 8901312 W 19891102; EP 89912426 A 19891102; ES 89120266 T 19891102; JP 51151089 A 19891102; KR 900701431 A 19900705; PT 9222389 A 19891107; TR 95489 A 19891110