

Title (en)

PROCESS FOR PRODUCING MIXTURES OF CRYSTALLINE ZEOLITE AND SODIUM TRIPHOSPHATE

Publication

EP 0002018 B1 19810610 (DE)

Application

EP 78101313 A 19781104

Priority

DE 2751354 A 19771117

Abstract (en)

[origin: US4180471A] Blends of crystalline zeolites and sodium triphosphate are made. To this end, a zeolite suspension is spray-dried jointly with an aqueous sodium orthophosphate solution or suspension, in which the molar ratio of Na to P necessary to produce zeolite-free sodium triphosphate containing Na and P in a theoretical ratio of 1.66 is reduced by decrements of 0.01% per each 10% by weight proportion of zeolite in the blend. The zeolite suspension is sprayed separately from the orthophosphate solution or suspension at a separation necessary for the resulting zeolite particles to dry superficially and for the resulting phosphate particles to undergo at least partial condensation, and the superficially dry particles are contacted with the at least partially condensed particles.

IPC 1-7

C11D 3/06; C11D 3/08; C11D 3/12; C11D 11/02; C01B 33/28; C01B 25/30

IPC 8 full level

C01B 25/30 (2006.01); **C11D 3/06** (2006.01); **C11D 3/08** (2006.01); **C11D 3/12** (2006.01); **C11D 11/02** (2006.01)

CPC (source: EP US)

C11D 3/06 (2013.01 - EP US); **C11D 3/128** (2013.01 - EP US); **C11D 11/02** (2013.01 - EP US); **Y10S 423/24** (2013.01 - EP)

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