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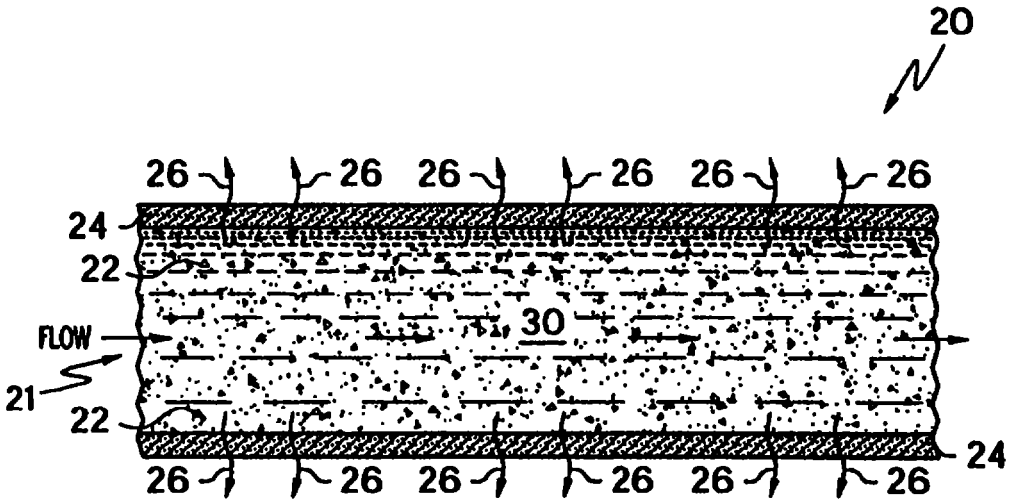
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(54) **Title:** PREPARATION OF MOLECULAR SIEVE CATALYSTS USING MICRO-FILTRATION



(57) **Abstract:** A process for making a molecular sieve catalyst, comprising i) preparing a concentrated molecular sieve slurry containing molecular sieve and a fluid by the process comprising, a) introducing a molecular sieve slurry containing molecular sieve and a fluid into the front end of at least one microfilter channel comprising pores, b) passing the slurry through the microfilter channel and separating the permeate passing through the pores of the microfilter channel to concentrate the slurry, and c) recovering a concentrated molecular sieve slurry from the back end of the microfilter channel, ii) mixing the concentrated molecular sieve slurry with a binder to form a catalyst slurry, iii) directing the catalyst slurry to a forming unit; iv) recovering catalyst particles. The catalyst is used to make ethylene and propylene from an oxygenate.

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