

**PROCESS FOR MODIFYING THE SHAPE SELECTIVITY
OF A ZEOLITE CATALYST AND USE OF THE MODIFIED CATALYST**

ABSTRACT OF THE DISCLOSURE

In a process for modifying the shape selectivity of an aluminosilicate zeolite catalyst having a silica to alumina molar ratio less than 500, the catalyst is exposed to at least two *ex situ* selectivation sequences, wherein each *ex situ* selectivation sequence includes the steps of contacting the catalyst with a selectivating agent, normally an organosilicon compound, in a carrier and subsequently calcining the catalyst.