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ABSTRACT OF THE DISCLOSURE

**IMPROVED PROCESSES FOR THE PREPARATION OF OLEFINS, UNSATURATED
CARBOXYLIC ACIDS AND UNSATURATED NITRILES FROM ALKANES**

Improved processes for the preparation of olefins, unsaturated carboxylic acids and unsaturated nitriles involve the use of dehydrogenation catalysts suitable for the conversion of alkanes to alkenes and catalysts suitable for the conversion of alkanes and/or alkenes to unsaturated carboxylic acids or unsaturated nitriles.