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(54) Title: PROCESS FOR PREPARING AN UNSATURATED CARBOXYLIC ACID SALT

(57) Abstract: Catalytic process for preparing an α,β -ethylenically unsaturated carboxylic acid salt, comprising reacting an alkene and carbon dioxide in the presence of a carboxylation catalyst and releasing the α,β -ethylenically unsaturated carboxylic acid salt with a base, the carboxylation catalyst being a transition metal complex, which comprises a structurally constrained bidentate P,X ligand, wherein X is selected from the group consisting of P, N, O, and carbene, the P and X atom are separated by 2 to 4 bridging atoms, and wherein the bridging atoms are part of at least one 5- to 7-membered cyclic substructure. A further catalytic processes for preparing α,β -ethylenically unsaturated carboxylic acid derivatives from CO₂ and an alkene is provided.

