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(54) Title: PROCESS FOR THE CARBONYLATION OF ETHYLENICALLY UNSATURATED COMPOUNDS ☒			
(57) Abstract			
<p>The invention provides a process for the carbonylation of ethylenically unsaturated compounds by reaction thereof with carbon monoxide and a coreactant in the presence of a catalyst system obtainable by combining (a) a source of a Group VIII metal cation, (b) a phosphine, arsine or stibine compound acting as a ligand; and (c) a source of anions, other than halide anions, carried out in the presence of substoichiometric amounts of halide anions and/or - in case of a coreactant other than an aromatic alcohol - in the presence of a phenolic promoter. It also provides novel alkylphenol esters that find use as synthetic lubricant.</p>			