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ACTION

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(54) Title: OLEFIN PRODUCTION

(57) Abstract: A process is provided which comprises preparing an olefin oligomerization or trimerization catalyst system and producing olefins in the presence of the olefin oligomerization or trimerization catalyst system and a solvent, wherein said catalyst system preparation comprises the steps of first contacting a chromium source and a pyrrole-containing compound to form a chromium/pyrrole mixture; second, contacting said chromium/pyrrole mixture with a metal alkyl to form a catalyst system; and then contacting said catalyst system with an alpha-olefin, preferably ethylene.