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**"IMPROVED PROCESS FOR THE
PRODUCTION OF LINEAR ALPHA-OLEFINS"**

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ABSTRACT

In a process where ethylene is effectively oligomerized to linear alpha-olefins using catalyst systems based on one or more transition metal compounds dissolved in a polar organic liquid as solvent, incorporation of water into the solvent at levels of 1 to 10 weight percent improved the process by increasing
10 alpha-olefin purity and also by influencing the Schulz-Flory distribution.