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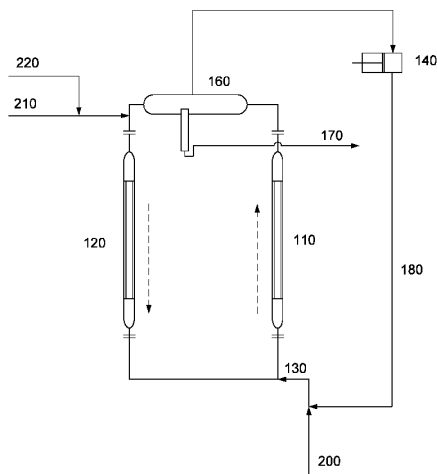
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(54) Title: A PROCESS FOR PRODUCING ALPHA-OLEFINS

Figure 4



(57) Abstract: A process for producing alpha-olefins comprising con-
tacting an ethylene feed with an oligomerization catalyst system in an
oligomerization reaction zone under oligomerization reaction condi-
tions to produce a product stream comprising alpha-olefins wherein
the catalyst system comprises an iron-ligand complex and a co-catalyst
and the molar ratio of oxygen to iron being fed to the oligomerization
reaction zone is of from 1:1 to 200:1. Alternatively, the molar ratio
of oxygen to aluminum in MMAO being fed to the oligomerization
reaction zone is less than 1:5.

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