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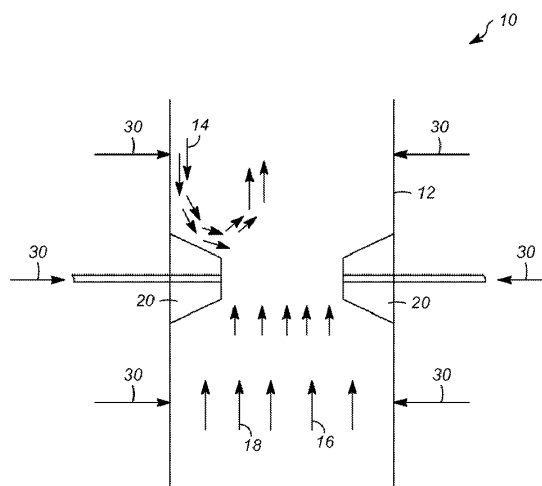


FIG. 1

(57) Abstract: This present disclosure relates to apparatuses for methylation of aromatics in an aromatics complex for producing a xylene isomer product. More specifically, the present disclosure relates to apparatuses for producing para-xylene by the selective methylation of toluene and/or benzene in an aromatics complex using processed toluene instead of crude toluene.

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