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(54) **Title:** USE OF DIVIDED WALL TECHNOLOGY TO PRODUCE HIGH PURITY METHANOL

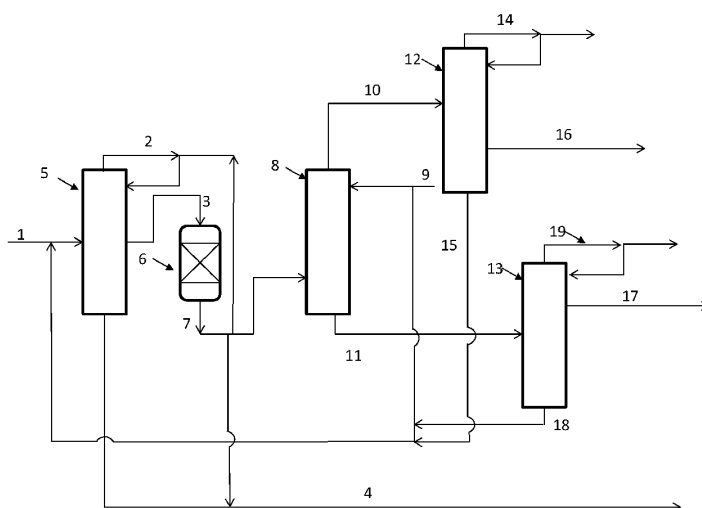


Fig. 1

(57) Abstract: Methods and systems for producing high purity methanol and isobutene from crude MTBE feed using multiple divided wall columns are provided. The methods can include purifying the MTBE, dissociating the MTBE to produce isobutene and methanol, purifying the isobutene and recovering/purifying methanol.

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WO 2020/055963 A1

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