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(54) Title: METHOD FOR PROCESSING LIQUEFIED WASTE POLYMERS

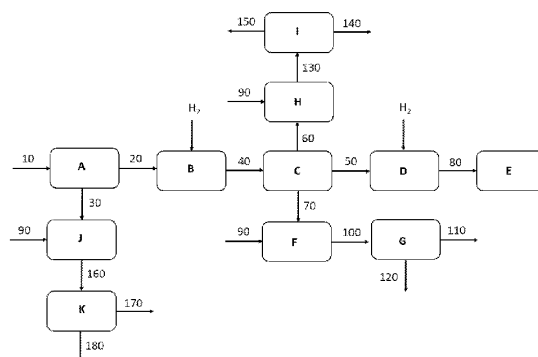


Figure 1

(57) **Abstract:** The present invention relates to methods for processing liquefied waste polymers (LWP; 10) comprising diolefins. The LWP feed is supplied to steam stripper A to provide a distillate (20) comprising diolefins and naphtha, and a distillate bottom (30). The distillate is subjected to hydrotreatment B to produce a diolefin depleted distillate (40) which is separated by distillation C to give rise to one or more fractions comprising at least a naphtha fraction (50), an optional middle fraction (60) and a bottom fraction (70). Hydroprocessing D of the naphtha fraction gives rise to hydrogenated naphtha (80) which is suitable as a feed for a steam cracker E. Since the distillation bottom (30), bottom fraction (70) and the middle distillate (60) are predominantly free from diolefins, they can be mixed with crude oil (90) and processed further in oil refinery.

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