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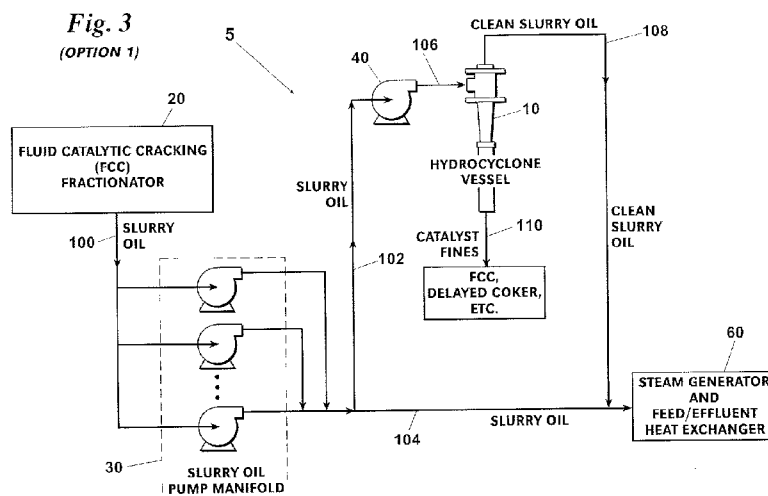
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(54) Title: METHOD FOR SEPARATING ENTRAINED CATALYST AND CATALYST FINES FROM SLURRY OIL

Fig. 3
(OPTION 1)



(57) Abstract: A method for removing catalyst, catalyst fines, and coke particulates from a slurry oil stream includes the steps of routing a first slurry oil stream from a first slurry oil source to at least one hydrocyclone; increasing at least one of a temperature and a pressure of the first slurry oil stream prior to it entering the at least one hydrocyclone; passing the first slurry oil stream through the at least one hydrocyclone; and routing a second slurry oil stream exiting an overflow end of the at least one hydrocyclone to a second slurry oil source. The first and second slurry oil sources may be one or more of the following: a main column of a fluid catalytic cracking fractionator, a steam generator, a heat exchanger, a decant slurry oil storage, and a slurry oil storage tank.