

ABSTRACT

A process for slurry hydrocracking catalyst recovery is described. In one embodiment, the process includes separating effluent from a slurry hydrocracking zone into a first portion comprising solvent and clarified pitch and a second portion comprising pitch and catalyst.

- 5 The second portion is contacted with an acid to leach the catalyst out of the pitch forming an aqueous solution and pitch residue. The aqueous solution is contacted with an anion to form an insoluble salt which is the catalyst.

Fig. 1

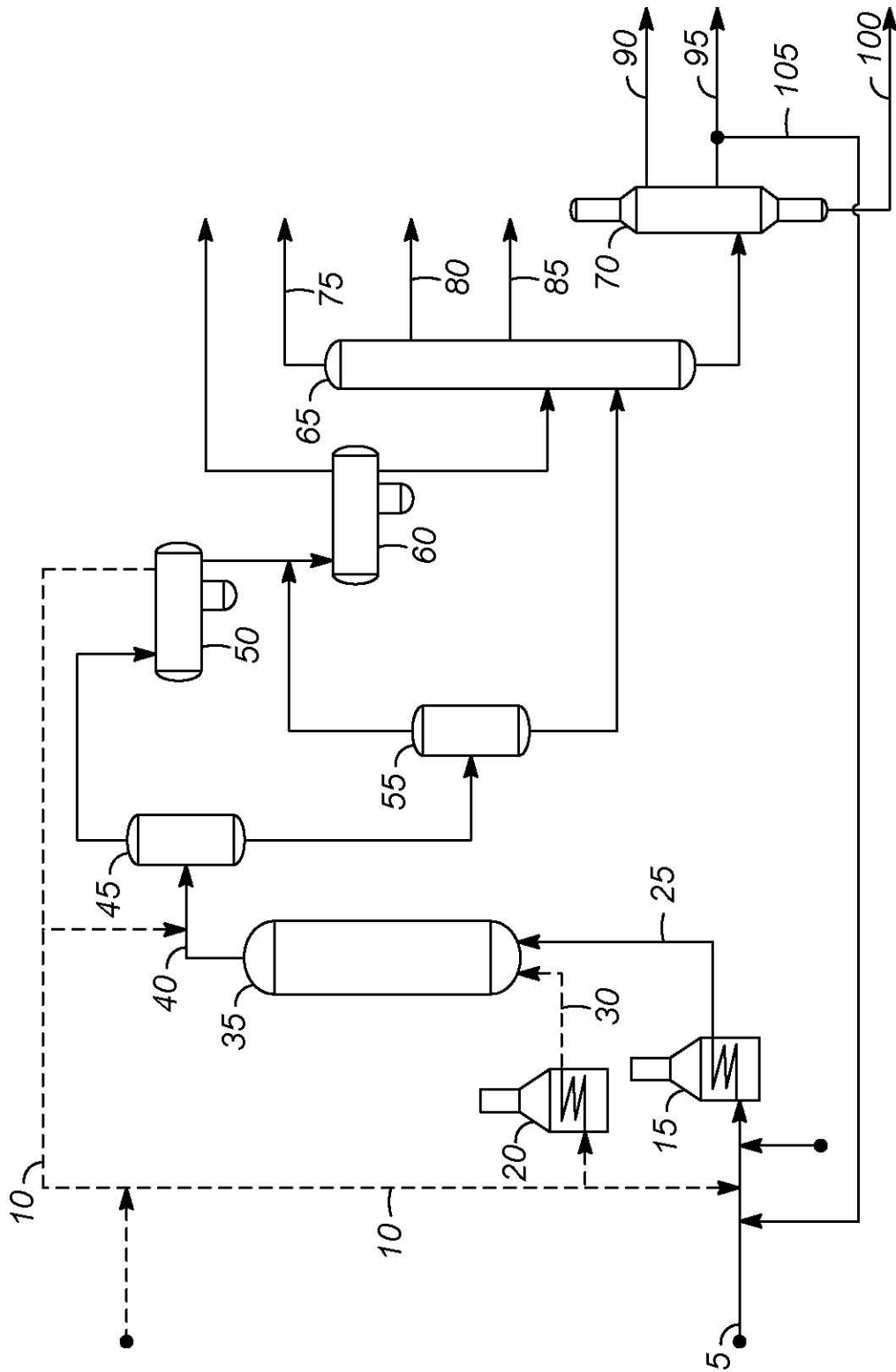


FIG. 1

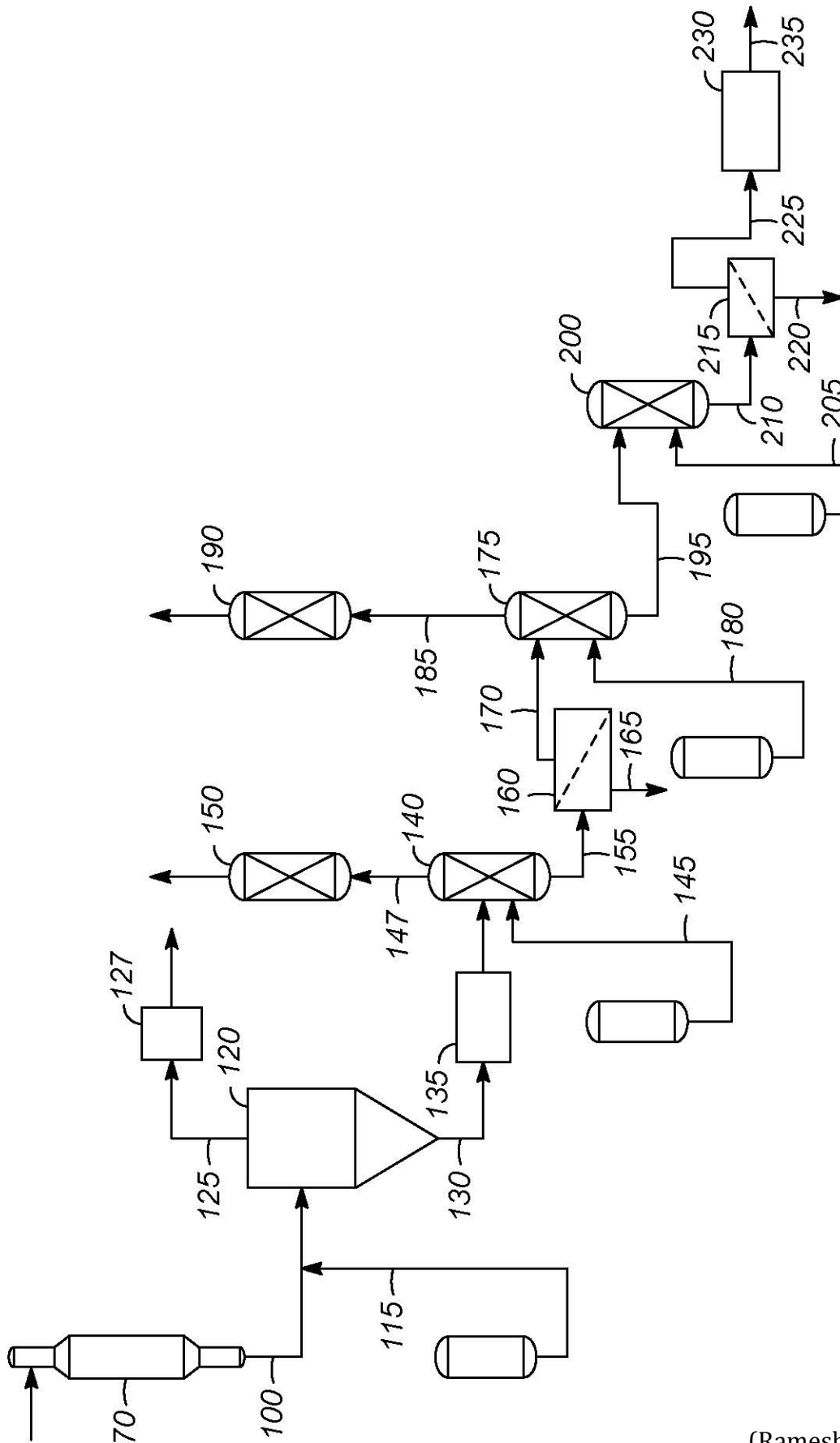


FIG. 2

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