

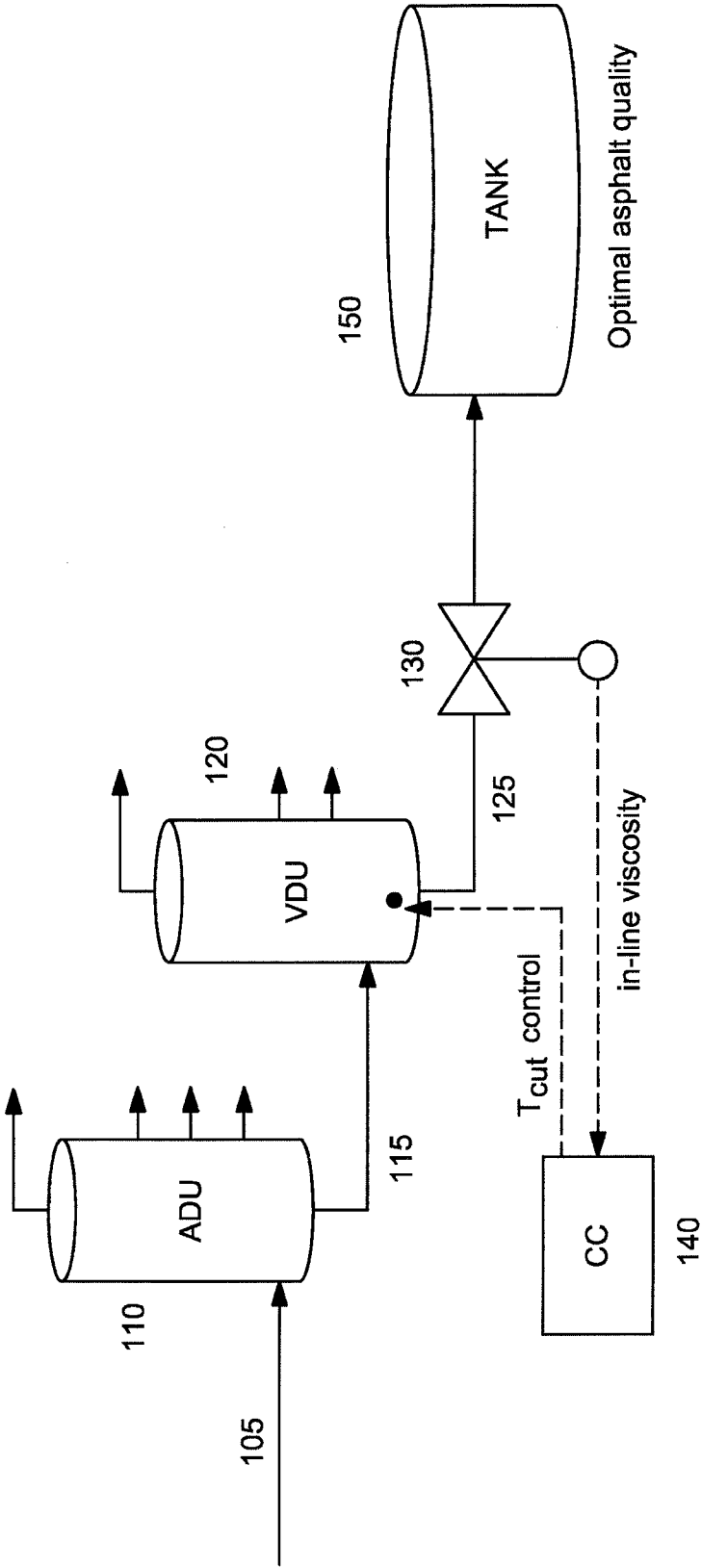


FIG. 1

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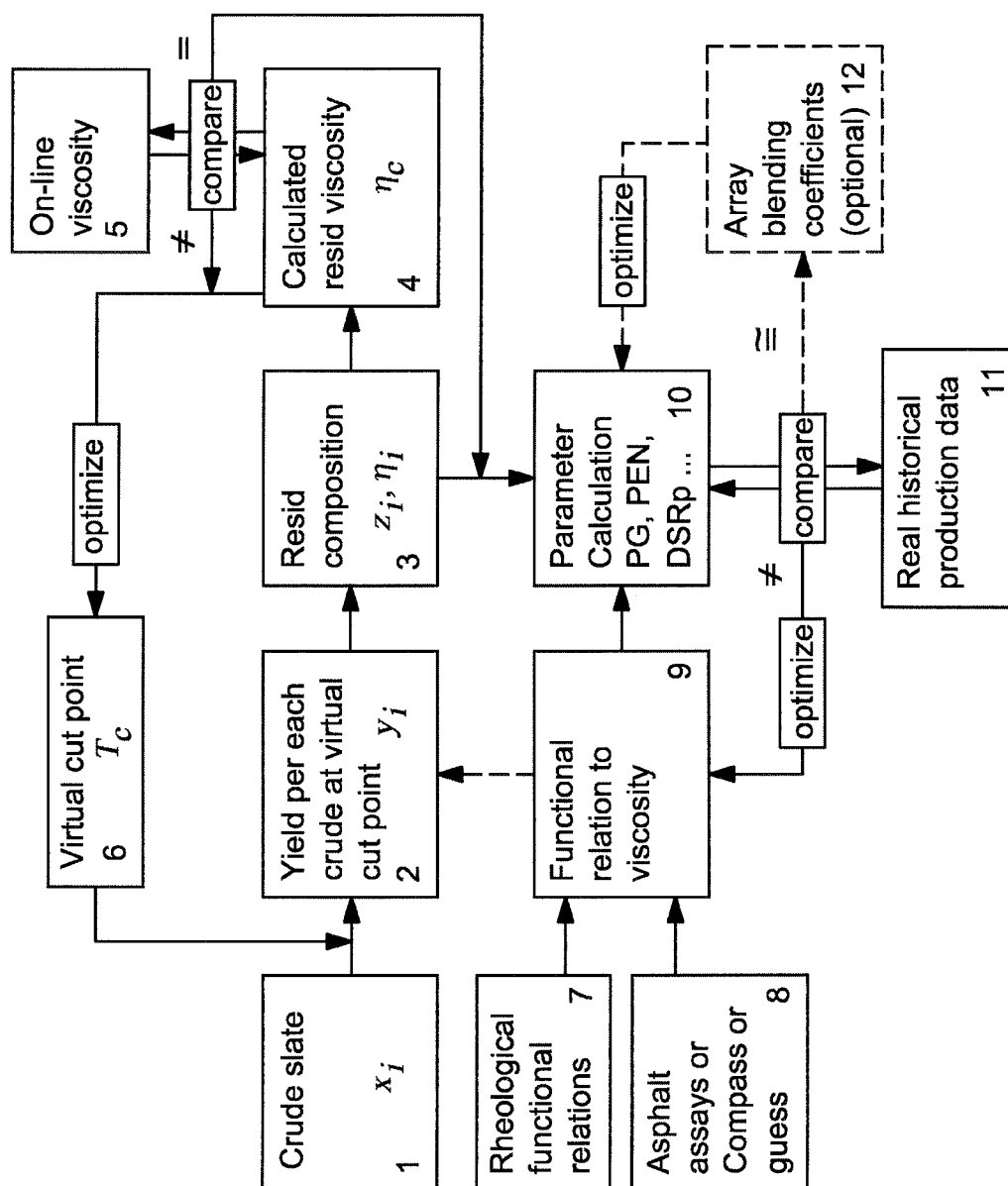
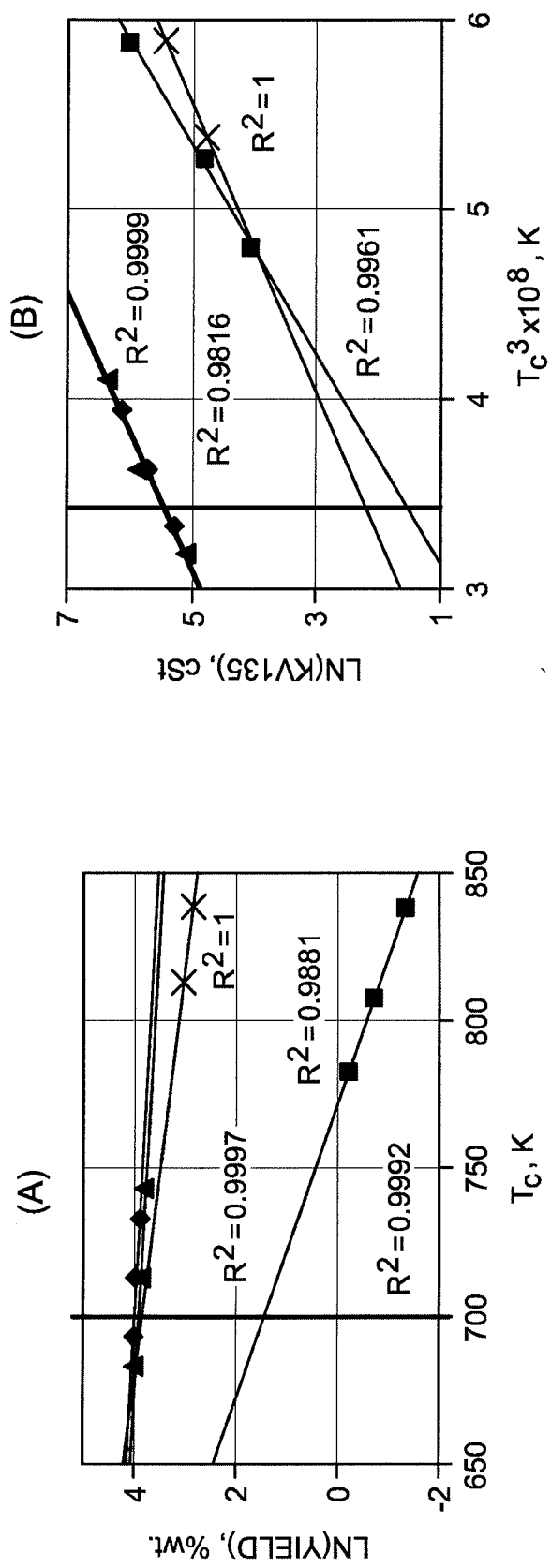


FIG. 2

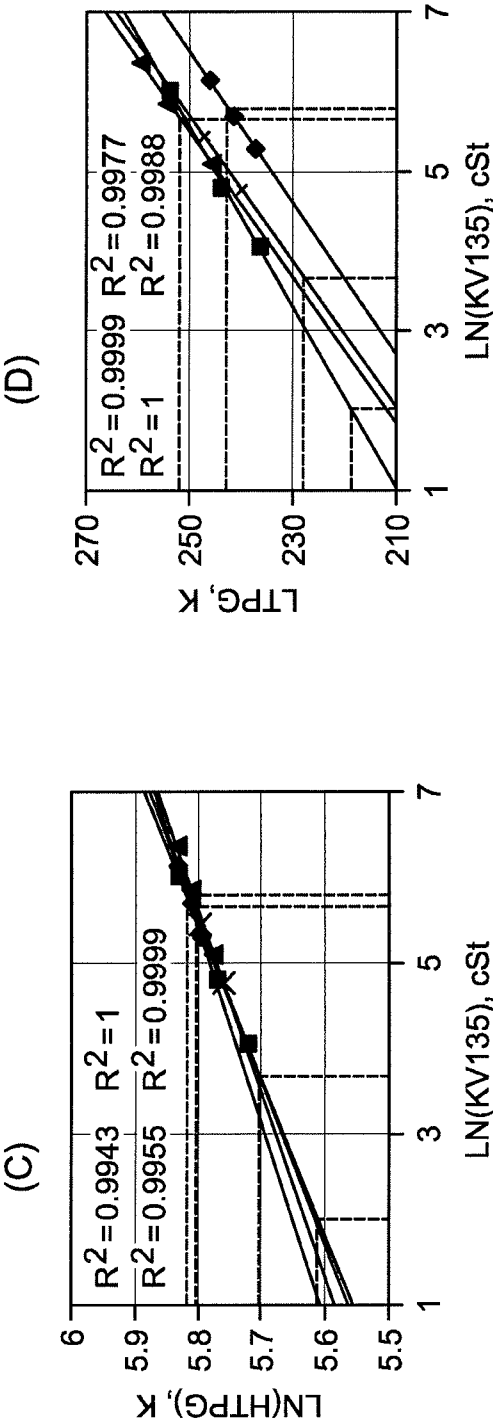
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(1) (2) (3) (4) (5)

crude	slate, x_i	yield (T_c)	resid, y_i	KV135 (T_c)
Alpha	0.6012	0.5455	0.7959	227.6
Bravo	0.2739	0.0429	0.0285	4.6
Gamma	0.0181	0.4607	0.0203	28.6
Delta	0.1067	0.5996	0.1553	170.9

FIG. 3



(1) (6) (7) (8) (9)

crude	resid, yi (Tc=717.83K)	LN(KV135) (Tc=717.83K)	LN(HTPG), K	LTPG, K
Alpha	0.8048	5.8	5.82	242.6
Bravo	0.0213	2.0	5.61	218.6
Gamma	0.0197	3.7	5.70	227.9
Delta	0.1543	5.7	5.80	251.8

FIG. 4