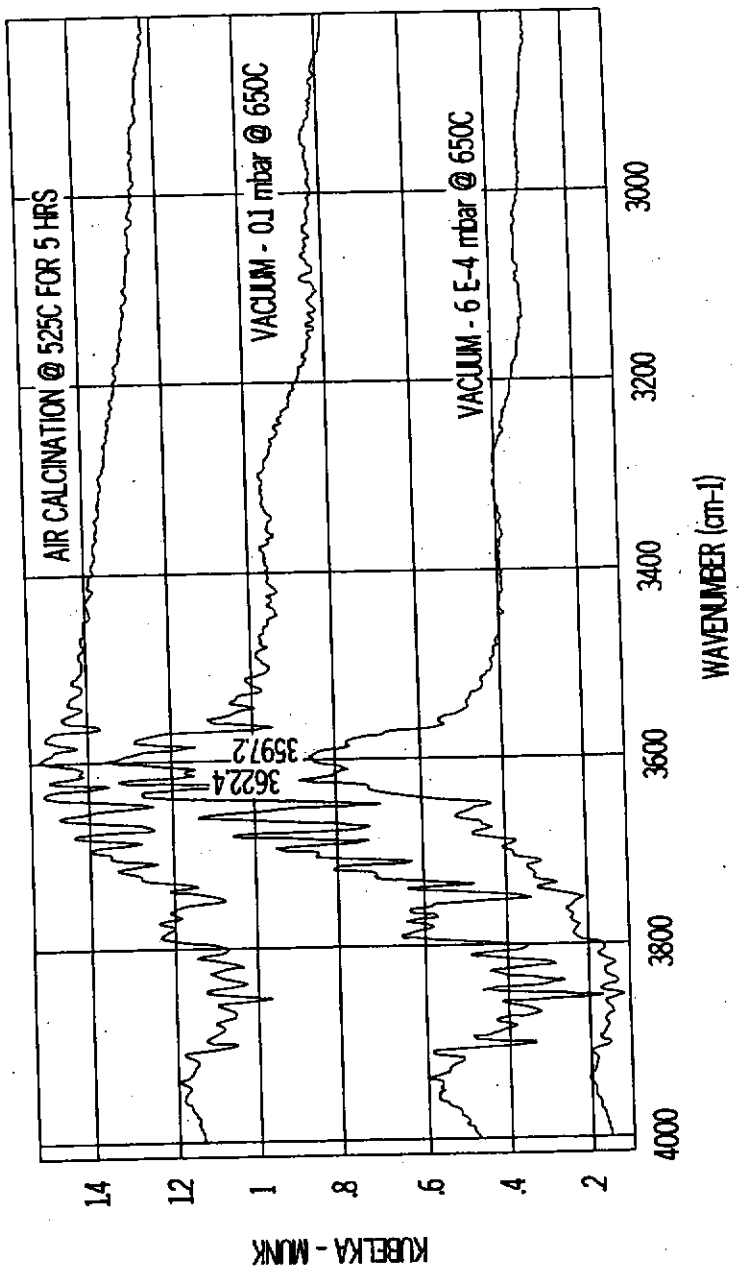

AIR CALCINATION @ 525C FOR 5 HRS
VACUUM - 0.1 mbar @ 650C
VACUUM - 6 E-4 mbar @ 650C
3622.4
3597.2
KUBELKA - MUNK
1.4
1.2
1
.8
.6
.4
.2
4000
3800
3600
3400
3200
3000
WAVENUMBER (cm-1)

FIG. 1

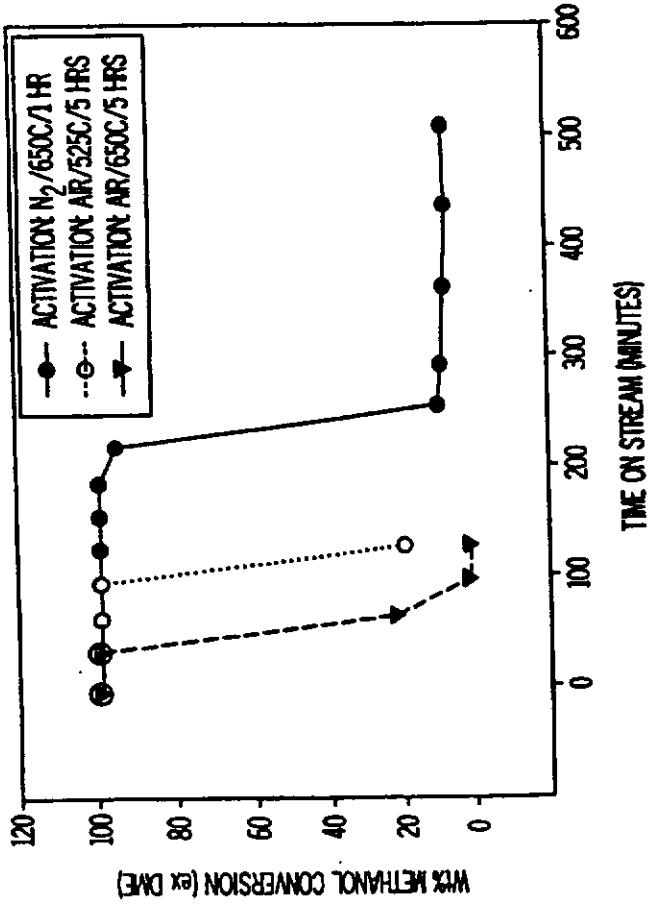

ACTIVATION: N_2/650C/1 HR
ACTIVATION: AIR/525C/5 HRS
ACTIVATION: AIR/650C/5 HRS
WT% METHANOL CONVERSION (ex DME)
TIME ON STREAM (MINUTES)
120
100
80
60
40
20
0
0
100
200
300
400
500
600

FIG. 2