

FIG. 1

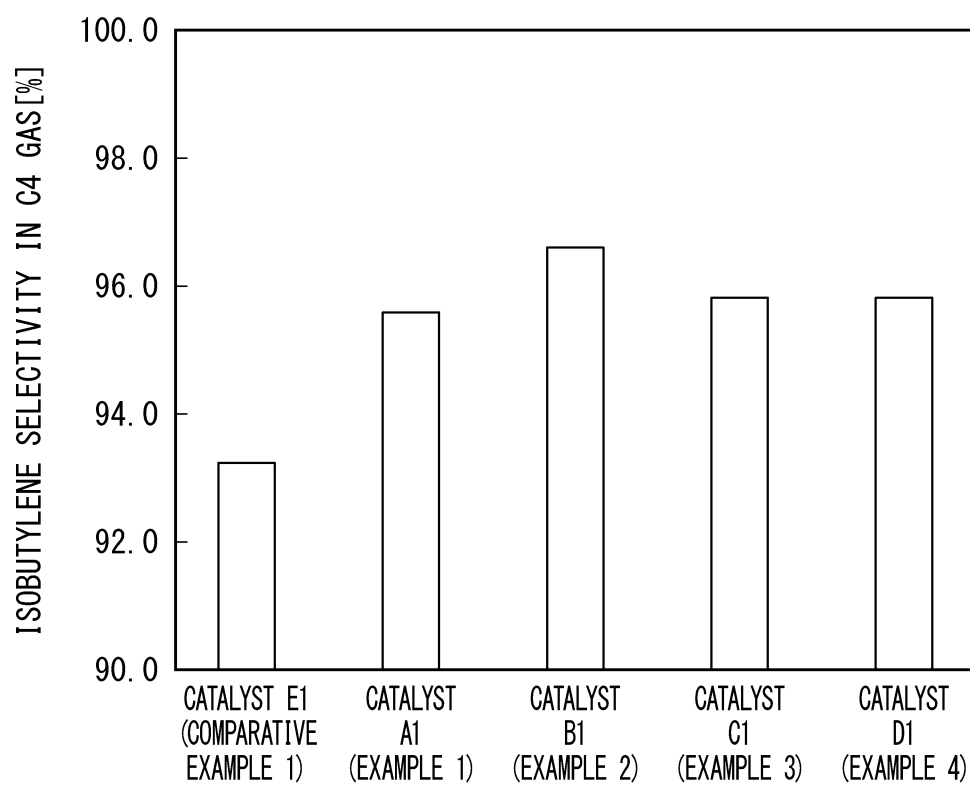
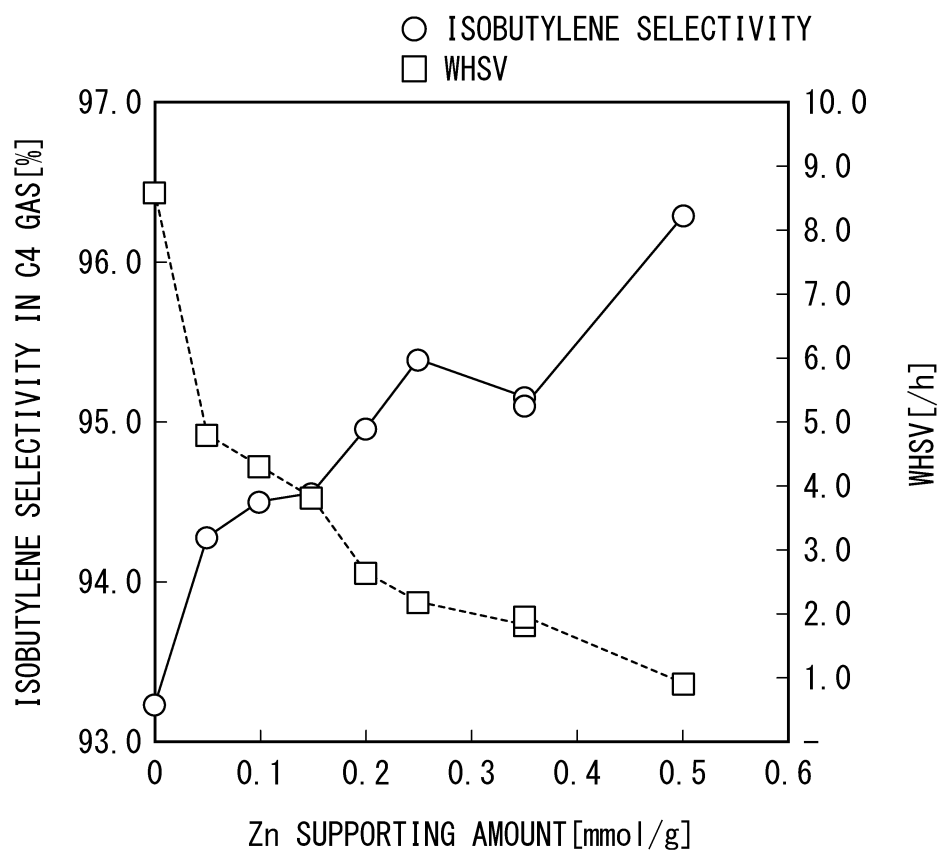


FIG. 2



EXAMPLE 5: Zn SUPPORTING AMOUNT=0.05mmol/g

EXAMPLE 6: Zn SUPPORTING AMOUNT=0.10mmol/g

EXAMPLE 7: Zn SUPPORTING AMOUNT=0.15mmol/g

EXAMPLE 8: Zn SUPPORTING AMOUNT=0.20mmol/g

EXAMPLE 9: Zn SUPPORTING AMOUNT=0.25mmol/g

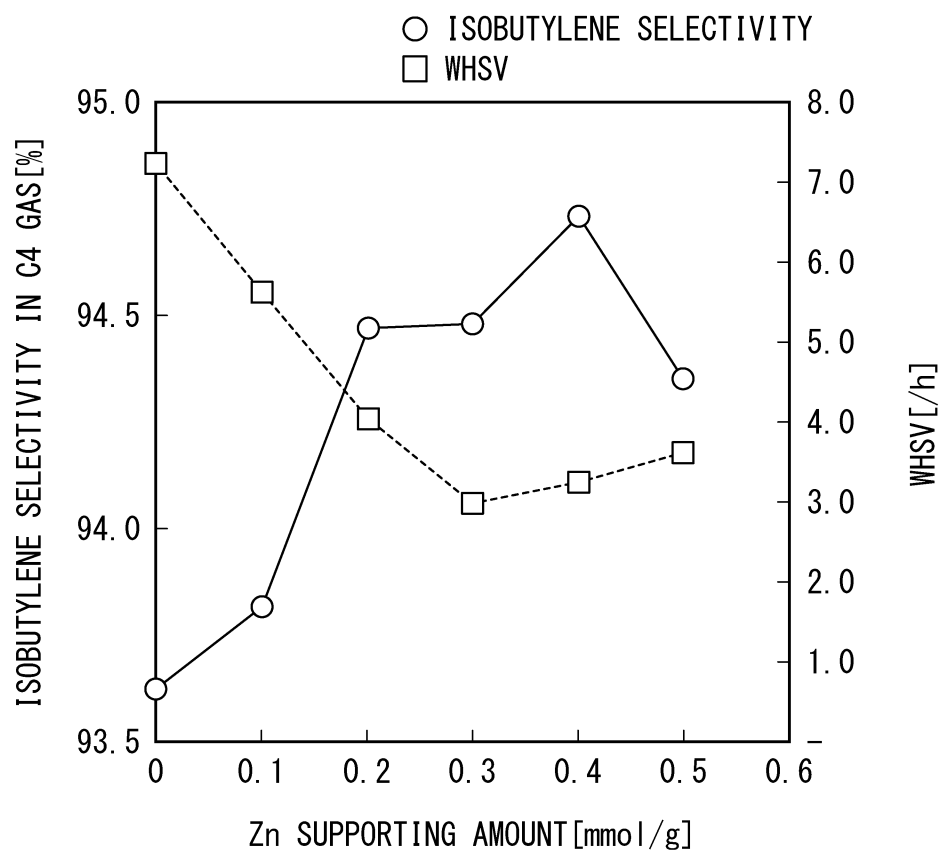
EXAMPLE 10: Zn SUPPORTING AMOUNT=0.35mmol/g

EXAMPLE 11: Zn SUPPORTING AMOUNT=0.35mmol/g

EXAMPLE 12: Zn SUPPORTING AMOUNT=0.50mmol/g

COMPARATIVE EXAMPLE 2: Zn SUPPORTING AMOUNT=0.00mmol/g

FIG. 3



EXAMPLE 13: Zn SUPPORTING AMOUNT=0.10mmol/g

EXAMPLE 14: Zn SUPPORTING AMOUNT=0.20mmol/g

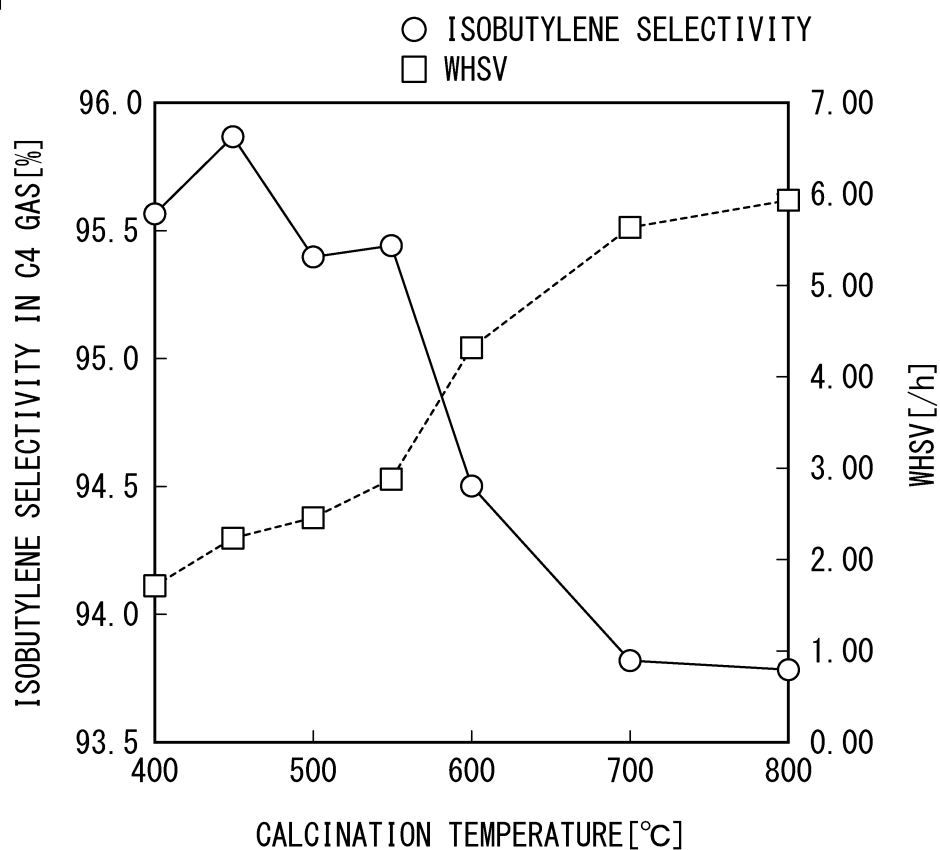
EXAMPLE 15: Zn SUPPORTING AMOUNT=0.30mmol/g

EXAMPLE 16: Zn SUPPORTING AMOUNT=0.40mmol/g

EXAMPLE 17: Zn SUPPORTING AMOUNT=0.50mmol/g

COMPARATIVE EXAMPLE 3: Zn SUPPORTING AMOUNT=0.00mmol/g

FIG. 4



EXAMPLE 18: CALCINATION TEMPERATURE=400°C

EXAMPLE 19: CALCINATION TEMPERATURE=450°C

EXAMPLE 20: CALCINATION TEMPERATURE=500°C

EXAMPLE 21: CALCINATION TEMPERATURE=550°C

EXAMPLE 22: CALCINATION TEMPERATURE=600°C

EXAMPLE 23: CALCINATION TEMPERATURE=700°C

EXAMPLE 24: CALCINATION TEMPERATURE=800°C

FIG. 5

