

ABSTRACT

To provide a process for producing propylene in good yield from ethylene and methanol and/or dimethyl ether.

The process for producing propylene comprises
5 bringing ethylene in contact with methanol and/or
dimethyl ether in the presence of a catalyst and is
characterized in that the amount of ethylene in a
reaction mixture being discharged from the reaction
system is reduced as compared with the amount of ethylene
10 being fed to the reaction system, and that propylene is
obtained in a yield of at least 40 mol% based on the sum
of the number of moles of methanol and two times the
number of moles of dimethyl ether which are being fed to
the reaction system.