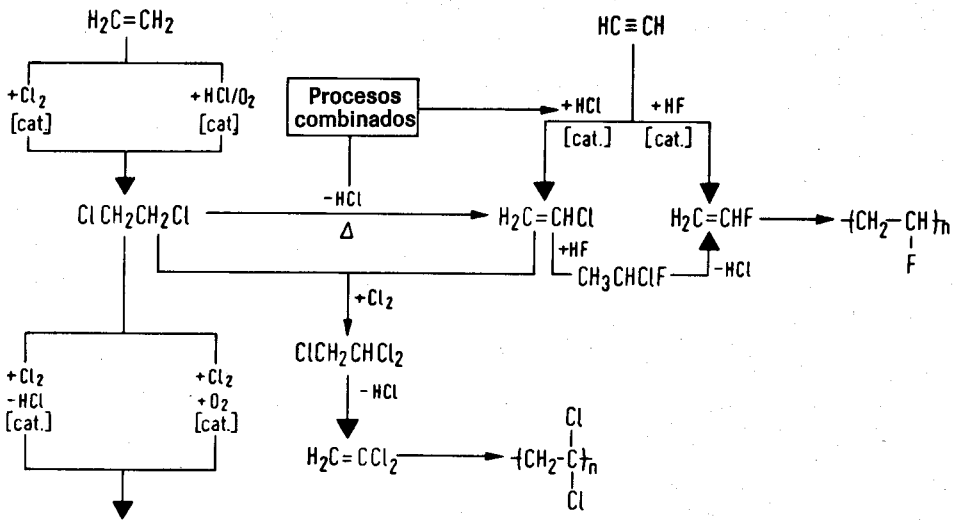
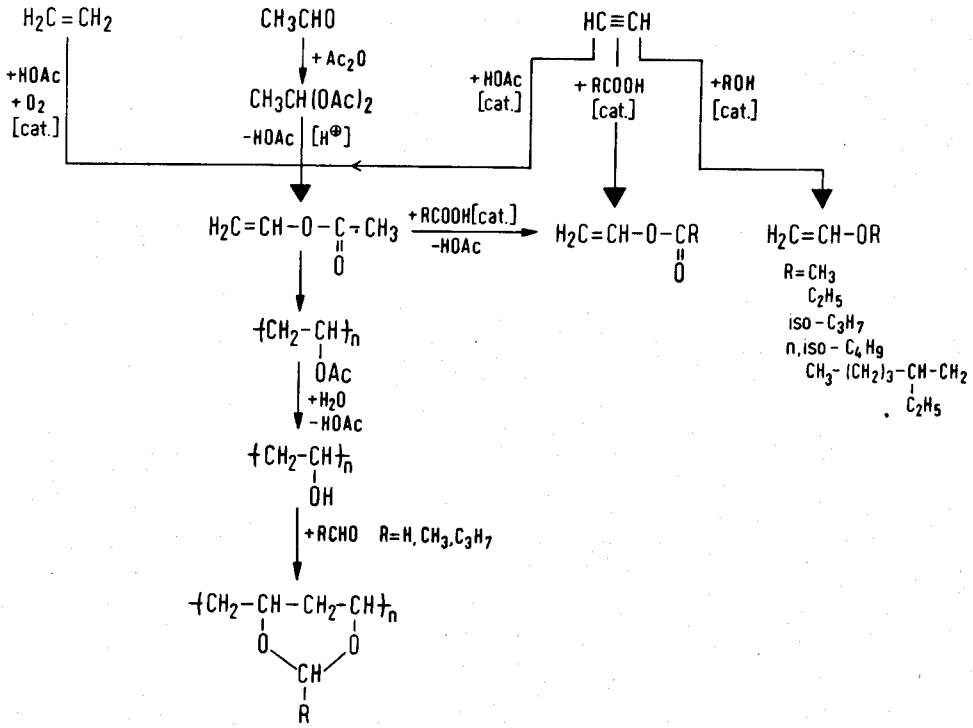

H2C=CH2
+Cl2 [cat]
+HCl/O2 [cat]
Procesos combinados
HC≡CH
+HCl [cat.]
+HF [cat.]
ClCH2CH2Cl
-HCl
Δ
H2C=CHCl
H2C=CHF
+HF
CH3CHClF
-HCl
+Cl2
ClCH2CHCl2
-HCl
H2C=CCl2
+Cl2 -HCl [cat.]
+Cl2 +O2 [cat.]
Cl2C=CHCl
+
Cl2C=CCl2
(2.3.6.1.)
CHClF2
(2.3.6.2.)
Δ
-HCl
F2C=CF2


H2C=CH2
+HOAc
+O2
[cat.]
CH3CHO
+Ac2O
CH3CH(OAc)2
-HOAc
[H⊕]
HC≡CH
+HOAc [cat.]
+RCOOH [cat.]
+ROH [cat.]
H2C=CH-O-C-CH3
O
+RCOOH[cat.]
-HOAc
H2C=CH-O-CR
O
H2C=CH-OR
R=CH3
C2H5
iso-C3H7
n,iso-C4H9
CH3-(CH2)3-CH-CH2
C2H5
OAc
+H2O
-HOAc
OH
+RCHO R=H, CH3, C3H7
O
CH
R