

ABSTRACTA PROCESS FOR THE PREPARATION OF AROMATIC
POLYISOCYANATE COMPOUNDS IN THE GASEOUS PHASE

A process for the preparation of aromatic compounds substituted by at least two isocyanate groups, wherein at least one compound (A) comprising at least two primary amine functions and at least one aromatic group is brought into contact with an excess of phosgene, the phosgene being in excess by between 0 and 100% with respect to the number of moles of amine functions in compound (A), both reactants being introduced in the gaseous phase, in a mixed reactor comprising a first, homogenising zone corresponding to 20% to 80% of the total volume of the reactor, and a second zone in which the flow is close to piston flow, corresponding to 80% to 20% of the total volume of the reactor.