



# ABSTRACT

## PROCESS FOR PREPARING HALOGENATED IMIDES AND THEIR APPLICATION AS FLAME-RETARDANT AGENTS

Company known as: ATOCHEM

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An invention of: Evelyne BONNET

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The invention relates to the preparation of halogenated imides derived from hydrazine and from a halogenated dicarboxylic acid anhydride, and which are usable as flame-retardant agents for plastics.

The condensation of hydrazine and the halogenated dicarboxylic ester anhydride is performed in aqueous medium,

at a temperature ranging from 40 to 225°C, with a mole ratio anhydride/hydrazine of less than 2.

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