

**METHOD FOR PREPARING POLYAMIDE BY REACTIVE EXTRUSION
AND AN ADAPTED EXTRUDER FOR APPLYING SUCH A METHOD**

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ABSTRACT:

The object of the invention is a method for preparing a polyamide from one or several monomers adapted for the preparation of polyamide characterized
10 in that the selected monomer(s), is(are) introduced without any preliminary reaction and without any preliminary preparation of the corresponding salt, in an extruder including at least two conveying screws rotating co-rotatively and in that all the reaction and polycondensation steps, initially starting from the selected monomer(s), and giving the possibility of ending up with the
15 desired polyamide, are conducted in an extruder including at least two conveying screws rotating co-rotatively, and polycondensation is achieved by carrying out at least two operations for discharging the by-product(s) formed by the polycondensation reaction.

20 (Figure to be published: **none**)