

Title (en)

METHOD FOR THE PRODUCTION OF POLYAMIDES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYAMIDEN

Title (fr)

PROCEDE POUR PRODUIRE DES POLYAMIDES

Publication

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Application

EP 04763248 A 20040715

Priority

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Abstract (en)

[origin: WO2005019304A1] Disclosed is a method for producing polyamides and the oligomers or mixtures thereof, optionally with additional reaction products, by reacting a reaction mixture containing monomers that comprise CN groups or -CONH₂ groups, other optional polyamide-forming monomers and/or oligomers, and water in a device. Said method is characterized in that the surfaces of the device, which enter in contact with the reaction mixture, are entirely or partly made of a material that is selected among a group comprising: a) an austenitic steel containing 15 to 25 percent by weight of chromium, 3 to 35 percent by weight of nickel, 0 to 10 percent by weight of molybdenum, and other optional alloy components, the balance being made up of iron and the percentages by weight being in relation to a); b) a duplex steel containing 20 to 30 percent by weight of chromium, 3 to 10 percent by weight of nickel, 0 to 5 percent by weight of molybdenum, and other optional alloy components, the balance being made up of iron and the percentages by weight being in relation to b); and c) a basic nickel alloy containing 12 to 25 percent by weight of chromium, 12 to 20 percent by weight of molybdenum, and other optional alloy components, the balance being made up of nickel and the percentages being in relation to c). Also disclosed are devices that are used in or intended for such a method.

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