

Title (en)
ANIONIC POLYMERISATION OF LACTAMS

Title (de)
ANIONISCHE POLYMERISATION VON LACTAMEN

Title (fr)
POLYMÉRATION ANIONIQUE DE LACTAMES

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Application
EP 16762808 A 20160907

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Abstract (en)
[origin: WO2017045988A1] The present invention relates to a method for producing a polyamide (P) via the reaction of a mixture (M) which contains at least one lactam (component (A)), at least one catalyst (component (B)), at least one activator (component (C)) and at least one oxazolidine derivative (component (D)). In addition, the present invention relates to the mixture (M) and the use of an oxazolidine derivative in order to increase the crystallisation rate of a polyamide (P). The present invention also relates to the use of an oxazolidine derivative in a polyamide (P) in order to produce a moulded body made from the polyamide (P) so as to reduce the time for removing the moulded body from the mould, and to the use of an oxazolidine derivative in order to remove water from a reaction mixture (RM).

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