

METHOD FOR PRODUCING POLYAMIDES BY MEANS OF A SPRAY NOZZLE
ARRANGEMENT FOR THE COLLISION OF SPRAY JETS

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Abstract

The invention relates to a method for producing polyamides by means of a spray nozzle arrangement for the collision of spray jets, comprising at least one spray nozzle forming a
10 first spray jet having a first spray jet cross-sectional surface and a first spray jet longitudinal extension axis, and comprising a second spray jet forming a second spray jet having a second spray jet cross-sectional surface and a second spray jet longitudinal extension axis, wherein the first and second spray jets have a spray direction that is facing the gravitational field, and are arranged opposite one another such that in a spray direction facing the
15 gravitational field, the formed spray jets collide in a collision area. The invention is characterized in that the angle between the first and the second spray jet is in the range of 5° to 170°, and that the first and second spray nozzles are arranged such that upon colliding, the first spray jet crosssectional surface of the first spray jet forms an intersection with the second spray jet cross-sectional surface of the second spray jet.

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[Fig. 1]