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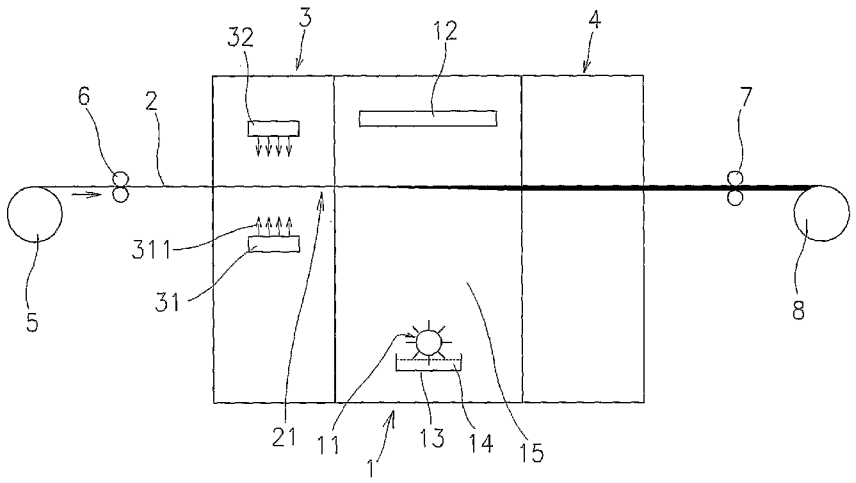
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(54) **Title:** A METHOD AND DEVICE FOR PRODUCTION OF NANOFIBRES THROUGH ELECTROSTATIC SPINNING OF SOLUTIONS OR MELTS OF POLYMERS



(57) **Abstract:** The invention relates to the method of production of nanofibres through electrostatic spinning of solutions (14) or melts of polymers, at which the produced nanofibres are deposited on the moving base (2) in the spinning chamber (1), while before entering into the spinning chamber (1) the electrical conductivity of the base (2) is increased. The invention also relates to the device for production of nanofibres through electrostatic spinning of solutions (14) or melts of polymers containing the spinning chamber (1) in which the produced nanofibres are deposited on the base (2). In the direction of motion of the base (2) before the spinning chamber (1) there is arranged the device (3) for increasing the electrical conductivity of the base (2).

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