CLAIMS

1. Injector for a vacuum evaporation source comprising:

- an injection duct (1) having a longitudinal axis (11) and comprising an inlet port (2) able to be connected to a vacuum evaporation source, and at least one nozzle (3) for diffusing a vaporized material, said nozzle (3) having a lateral face (4), and an upper face (5),

characterized in that:

- said nozzle (3) comprises a main channel (6) emerging outside said injection duct (1) and at least one lateral feeding channel (7) connecting the interior of the injection duct (1) to the main channel (6), said lateral feeding channel (7) having a lateral orifice (8) emerging inside said injection duct (1) through the lateral face (4) of said nozzle (3) for avoiding the clogging of said nozzle (3) by oxidized materials.

2. Injector for a vacuum evaporation source according to claim 1, characterized in that said lateral orifice (8) of the lateral feeding channel (7) is positioned in the vicinity of the upper face (5) of said nozzle (3).

3. Injector for a vacuum evaporation source according to any one of claims 1 or 2, characterized in that said nozzle (3) comprises two lateral feeding channels (7) which are perpendicular to said main channel (6), said main channel (6) and said lateral feeding channels (7) being perpendicular to the longitudinal axis (11).

4. Injector for a vacuum evaporation source according to any one of claims 1 to 3, characterized in that said main channel (6) comprises an upper portion (9) having an upper opening (29) emerging inside said injection duct (11) through the upper face (5) of said nozzle (3).

5. Injector for a vacuum evaporation source according to any one of claims 1 to 4, characterized in that the upper face (5) of said nozzle (3) has a conical or an angular shape.

CLAIMS

1. Injector for a vacuum evaporation source comprising:

   - an injection duct (1) having a longitudinal axis (11) and comprising an inlet port (2) able to be connected to a vacuum evaporation source, and at least one nozzle (3) for diffusing a vaporized material, said nozzle (3) having a lateral face (4), and an upper face (5),

   characterized in that:

   - said nozzle (3) comprises a main channel (6) emerging outside said injection duct (1) and at least one lateral feeding channel (7) connecting the interior of the injection duct (1) to the main channel (6), said lateral feeding channel (7) having a lateral orifice (8) emerging inside said injection duct (1) through the lateral face (4) of said nozzle (3) for avoiding the clogging of said nozzle (3) by oxidized materials.

2. Injector for a vacuum evaporation source according to claim 1, **characterized in that** said lateral orifice (8) of the lateral feeding channel (7) is positioned in the vicinity of the upper face (5) of said nozzle (3).

3. Injector for a vacuum evaporation source according to any one of claims 1 or 2, **characterized in that** said nozzle (3) comprises two lateral feeding channels (7) which are perpendicular to said main channel (6), said main channel (6) and said lateral feeding channels (7) being perpendicular to the longitudinal axis (11).

4. Injector for a vacuum evaporation source according to any one of claims 1 to 3, **characterized in that** said main channel (6) comprises an upper portion (9) having an upper opening (29) emerging inside said injection duct (11) through the upper face (5) of said nozzle (3).

5. Injector for a vacuum evaporation source according to any one of claims 1 to 4, **characterized in that** the upper face (5) of said nozzle (3) has a conical or an angular shape.