CLAIMS

1. A process for hair dyeing and/or bleaching, comprising the step consisting in applying, to the head of hair, at least one hair dyeing or bleaching compound using a device (10) comprising at least two nozzles (13), at least one of which is supplied with at least one pressurized liquid containing said compound, the nozzles (13) being arranged such that their respective jets collide with one another and form a resultant stream which is dispensed to the hair, the liquid containing the composition being ejected at a speed of at least 8 m/s.

2. The process as claimed in claim 1, the total flow rate sprayed by said nozzles being between 0.1 and 3 l/min, preferably between 0.2 and 2 l/min, even better still between 0.3 and 1 l/min.

3. The process as claimed in any one of the preceding claims, wherein the supply of the nozzles (13) is varied in order to vary the result obtained, especially the color obtained.

4. The process as claimed in any one of the preceding claims, wherein the supply pressure of the nozzles (13) is varied in order to vary the result obtained, especially the color obtained.

5. The process as claimed in any one of the preceding claims, wherein at least two different dyeing products are applied using the device (10).

6. The process as claimed in claim 5, the products being mixed upstream of the nozzles.

7. The process as claimed in claim 5, the products being dispensed by specific nozzles.

8. The process as claimed in any one of the preceding claims, said compound being a dyeing oxidant.

9. The process as claimed in any one of the preceding claims, said compound being an oxidation dye.

10. The process as claimed in any one of the preceding claims, said compound being a direct dye.

11. The process as claimed in any one of the preceding claims, wherein an oxidizing composition is applied manually to the head of hair, then at least one oxidation

dye is applied using said device (10), or an oxidizing composition is applied using said device (10) then at least one oxidation dye is applied manually.

12. The process as claimed in any one of the preceding claims, wherein:

a. a dyeing compound is applied using the device (10),

b. the dispensing is stopped and the product is allowed to run by gravity,

c. optional wiping is carried out,

d. steps a) to c) are optionally carried out again with the same compound or a different compound,

e. rinsing with water is optionally carried out.

13. The process as claimed in any one of the preceding claims, wherein the nozzles (13) are oriented relative to the hair such that the compound is directed onto the roots of the hair.

14. The process as claimed in any one of the preceding claims, wherein the nozzles (13) are oriented such that the compound is directed to skim the head of hair.

15. A device for dyeing the head of hair, especially for carrying out the process as claimed in any one of the preceding claims:

- a hand piece (11) comprising at least two nozzles (13) oriented such that their respective jets collide with one another and form a resultant stream which is dispensed to the hair, the flow rate being less than or equal to 2 l/min, the liquid being ejected at a speed of at least 8 m/s,
- at least one tank containing a dyeing compound.

16. The device as claimed in claim 15, comprising several valves making it possible to selectively dispense at least one compound chosen from several.

17. The device as claimed in one of claims 15 and 16, comprising several distinct dispensing circuits (15a, 15b, 15c) to dispense different respective dyeing products.