CLAIMS

1. A system (1) for carrying out a treatment of the head of hair to be connected to at least one water inlet, comprising:

- at least one source of cosmetic product (P1; P2),

- an adjustment device (30) making it possible to modify at least one usage characteristic of at least one product conveyed to the head of hair,

- a user interface (40), enabling said user:

  - to select a setting, the system (1) being configured to act on the adjustment device (30) as a function of the selected setting, and
  - to input at least one item of information relating to a treatment result obtained with the selected setting.

2. The system as claimed in claim 1, comprising a means to store at least one setting in memory.

3. The system as claimed in claim 2, the setting being stored in memory at the user's request.

4. The system as claimed in claim 2, the setting being automatically stored in memory when the treatment result is input into the system.

5. The system as claimed in any one of the preceding claims, the user interface (40) making it possible to input into the system (1) at least two items of information relating respectively to at least two different criteria for evaluating the treatment result.

6. The system as claimed in any one of the preceding claims, comprising a means for generating a product recommendation and/or a treatment recommendation on the basis at least of the knowledge of the selected setting and of said at least one item of information input by the user relating to the treatment result.

7. The system as claimed in any one of claims 1 to 6, being configured to access a database (BD2) giving information relating to an expected treatment result as a function of the selected setting.

8. The system as claimed in claim 7, being arranged to compare a treatment result observed by the user and input into the system (1) and the expected result determined by means of the database (BD1) and to generate an item of information relating to a modification of the setting and/or of the treatment as a function of this comparison.

9. The system as claimed in claim 8, being configured to access a database (BD1) giving information on the formulation of catalog products and to identify one or more catalog products as a function at least of the knowledge of at least one selected setting and of said at least one item of information input by the user relating to the observed treatment result, such that the product(s) identified procure a result which comes close to that observed.

10. The system as claimed in claim 9, wherein the database (BD1) giving information on the formulation of catalog products gives information relating to one or more characteristics of products listed in the catalog products.

11. The system as claimed in either of claims 9 and 10, being configured to access a database (BD1) giving information relating to an available stock of catalog products and to generate a product recommendation as a function of the products available in stock.

12. The system as claimed in any one of the preceding claims, comprising a device (11) for dispensing a treatment solution onto the hair

13. The system as claimed in claim 12, the device for dispensing the treatment solution onto the hair dispensing rinsing water and/or water loaded with product(s) (P1, P2) with a maximum flow rate of less than 4 l/min.

14. The system as claimed in any one of the preceding claims, comprising at least two sources of different products (P1, P2).

15. The system as claimed in claim 14, comprising a means (30) making it possible to select one, the other, or both the sources of products.

16. The system as claimed in claims 12 and 14, wherein the adjustment device (30) making it possible to adjust the content of each of the products (P1, P2) in the treatment solution.

17. The system as claimed in claim 16, the adjustment device (30) making it possible to adjust the ratio between the two products from 0/100 to 100/0 by steps of 25% or less.

18. The system as claimed in any one of claims 14 to 17, being configured to make it possible to store at least one setting relating to the two products in memory.

19. The system as claimed in one of claims 14 to 18, being configured to generate at least one recommendation of a plurality of catalog products on the basis at least of at least one observed treatment result relating to the use of the two products.

20. The system as claimed in any one of the preceding claims, comprising a means (30) making it possible to automatically reproduce the formulation of a treatment solution from data stored in memory relating to a past treatment which used the same formulation of the treatment solution.

21. The system as claimed in any one of the preceding claims, the product(s) (P1, P2) comprising at least one from an anionic surfactant, an amphoteric surfactant, a cationic polymer and a silicone.

22. The system as claimed in any one of the preceding claims, the user interface (40) making it possible to input at least one item of information relating to the speed of foaming, the volume of foam, the speed of rinsing, the ease of disentangling.

23. A process of treating hair by means of a system (1) as claimed in any one of the preceding claims, in which at least one setting is selected on the user interface (40) and at least one item of information relating to a result obtained on the hair with this setting is input to the interface.

24. The process as claimed in the preceding claim, in which a result observed for a given setting is compared with an expected result by interrogating a database (BD2), and at least one product recommendation and/or treatment recommendation is generated as a function of the result of this comparison.

25. The process as claimed in claim 24, in which the product recommendation is made by comparison with characteristics of catalog products featured in a further database (BD1).

26. The process as claimed in either of claims 24 and 25, the recommendation being made after interrogating a database (BD1) giving information on available stock in the salon.

27. The process as claimed in any one of claims 23 to 25, in which the setting is stored in memory with a view to a subsequent treatment.

28. The process as claimed in claim 24, the result observed on the hair and/or a recommendation of a modification of the setting and/or of the product for the subsequent treatment and/or an ID for the person treated is also stored in memory.