CLAIMS

1. A delivery system comprising a carrier and a perfume formulation,
wherein the perfume formulation comprises
   - 0 to 60 wt.% of a hydrophobic solvent based on the total weight of the perfume formulation,
   - 40 to 100 wt.% of a perfume oil based on the total weight of the perfume formulation, wherein the perfume oil has the following characteristics:
      - o at least 35%, preferably 40%, preferably at least 50%, more preferably at least 60% of perfuming ingredients having a log P above 3, preferably above 3.5,
      - o at least 20%, preferably 25%, preferably at least 30%, more preferably at least 40% of Bulky materials of groups 1 to 6 as defined in the description, preferably 3 to 6 and
      - o at least 15%, preferably at least 20%, more preferably at least 25% of high impact perfume materials having a Log T < -4,
   - optionally, further hydrophobic active ingredients,

   wherein the perfume formulation is entrapped in the carrier, and
   wherein the delivery system is a core-shell microcapsule comprising an oil-based core comprising the perfume formulation and a composite shell.

2. The delivery system according to claim 1, wherein the perfume oil and the hydrophobic solvent have at least two Hansen solubility parameters selected from a first group consisting of: an atomic dispersion force (δD) from 12 to 20, a dipole moment (δP) from 1 to 8, and a hydrogen bonding (δH) from 2.5 to 11.

3. The delivery system according to any one of claims 1 and 2, wherein the carrier is a biodegradable carrier.

4. The delivery system according to any one of any one of claims 1 to 3, wherein the carrier, preferably biodegradable carrier, has a biodegradability of at least 60%, preferably at least 65%, 70%, 75%, 80%, 85%, 90%, 95% or 98%, within 60 days according to OECD301F.

5. The delivery system according to any one of claims 1 to 4, wherein the composite shell comprises a first material and a second material, wherein the first material and the second material are different, the first material is a coacervate, the second material is a polymeric material, preferably polyurea and/or polyurethane.

6. The delivery system according to any one of claims 1 to 4, wherein the composite shell comprises
   - an inner shell made of a polymerized polyfunctional monomer; preferably a polyisocyanate having at least two isocyanate functional groups,
   - a biopolymer shell comprising a protein, wherein at least one protein is cross-linked; wherein the protein contains preferably a mixture comprising sodium caseinate and a globular protein, preferably whey protein.

7. The delivery system according to any one of claims 1 to 4, wherein the composite shell is
   - a polyamide shell comprising:
     - an acyl chloride,
     - a first amino-compound being an amino-acid, preferably chosen in the group consisting of L-Lysine, L-Arginine, L-Histidine, L-Tryptophane and/or mixture thereof.
     - a second amino compound chosen in the group consisting of ethylene diamine, diethylene triamine, cystamine and/or mixture thereof, and
     - a biopolymer chosen in the group consisting of casein, sodium caseinate, bovin serum albumin, whey protein, and/or mixture thereof.

8. A perfuming composition comprising
   - the delivery system according to any one of claims 1 to 7 and
   - optionally, a free perfume oil.

9. The perfuming composition according to claim 8, wherein the total amount of the delivery system is 0.05 to 5 wt.% based on the total weight of the perfuming composition, and the total amount of the free perfume oil is 0.05 to 5 wt.% based on the total weight of the perfuming composition.

10. The perfuming composition according to any one of claims 8 and 9, wherein the total perfume oil of the perfume formulation entrapped in the delivery system and total free

perfume oil are present in the perfuming composition in a weight ratio of 1:20 to 20:1, preferably 10:1 to 1:10.

11. The perfumed consumer product comprising the delivery system according to any one of claims 1 to 7 or the perfuming composition according to any one of claims 8 to 10.

12. The perfumed consumer product according to claim 11, wherein the perfumed consumer product is a fine perfume, a splash or eau de perfume, a cologne, a shave or after-shave lotion, a liquid or solid detergent, a mono or multi chamber unidose detergent , a fabric softener, a fabric refresher, liquid or solid scent-boosters (e.g. using PEG / urea or salts), a dryer sheet, an ironing water, a paper, a bleach, a carpet cleaners, curtain–care products, a shampoo, a coloring preparation, a color care product, a hair shaping product, a dental care product, a disinfectant, an intimate care product, a hair spray, a hair conditioning product, a vanishing cream, a deodorant or antiperspirant, hair remover, tanning or sun product, nail products, skin cleansing, a makeup, a perfumed soap, shower or bath mousse, oil or gel, or a foot/hand care products, a hygiene product, an air freshener, a “ready to use” powdered air freshener, a mold remover, furnisher care, wipe, a dish detergent or hard-surface detergent, a leather care product, a car care product.

13. The perfumed consumer product according to any one of claims 11 and 12, wherein the perfumed consumer product is a liquid or solid detergent, a fabric softener, liquid or solid scent-boosters (e.g. using PEG / urea or salts), a shampoo, a shower gel, a hair conditioning product (e.g. leave-on or rinse-off), a deodorant or antiperspirant.