C L A I M S

~~1. A paraffin wax having a congealing point according to ASTM D938 in the range of from 75 to 85°C and a Saybolt colour according to ASTM D156 of at least 25 cm.~~

~~2. A paraffin wax according to claim 1, having a congealing point according to ASTM D938 of at least 80°C.~~

~~3. A paraffin wax according to claim 1 or 2, having a Saybolt colour according to ASTM D156 of at least 30 cm.~~

~~4. A paraffin wax according to any one of claims 1 to 3, having an oil content according to ASTM D721 of less than 0.5 wt.%, preferably less than 0.45 wt.%~~

~~5. A paraffin wax according to any one of claims 1 to 4, wherein the paraffin wax is a Fischer-Tropsch derived paraffin wax.~~

1~~6~~. Process to prepare a paraffin wax ~~according to claim 5~~ having a congealing point according to ASTM D938 in the range of from 75 to 85°C and a Saybolt colour according to ASTM D156 of at least 25 cm, the process at least comprising the following steps:

(a) providing a Fischer-Tropsch product stream comprising paraffins having from 10 to 300 carbon atoms;

(b) separating the Fischer-Tropsch product stream of step (a), thereby obtaining at least a fraction comprising 10 to 17 carbon atoms and a fraction comprising 18 to 300 carbon atoms;

(c) subjecting the fraction comprising 18 to 300 carbon atoms of step (b) to a hydrogenation step, thereby obtaining a hydrogenated fraction comprising 18 to 300 carbon atoms;
(d) separating the hydrogenated fraction comprising 18 to 300 carbon atoms of step (c), thereby obtaining one or more first light waxes having a congealing point in the range of 30 to 75°C and a second heavy wax having a congealing point in the range of 75 to 120°C;
(e) separating the heavy wax of step (d) to obtain a distillate wax fraction having a congealing point of at least 75°C, preferably of at least 80°C;
(f) hydrofinishing the distillate wax fraction of step (e) thereby obtaining a hydrofinished wax fraction having a congealing point of from ~~at least~~ 75°C to 85°C, preferably of at least 80°C.

2~~7~~. Process according to claim 1~~6~~, wherein the heavy wax of step (d) is separated in step (e) by short path distillation at a pressure between 0.05 mbar and 0.5 mbar, preferably between 0.1 and 0.3 mbar.