

**METHOD FOR PROCESSING PYROLYSIS OILS FROM PLASTICS AND/OR
SOLID RECOVERED FUELS LOADED WITH IMPURITIES**

ABSTRACT

- 5 The present invention relates to a process for treating an SRF and/or plastics pyrolysis oil, comprising:
- a) optionally, selective hydrogenation of the feedstock;
 - b) hydroconversion in an ebullated bed, in an entrained bed and/or in a moving bed, to obtain a hydroconverted effluent;
 - 10 c) separation of the hydroconverted effluent in the presence of an aqueous stream, to obtain a gaseous effluent, an aqueous liquid effluent and a liquid hydrocarbon effluent;
 - d) fractionation of the liquid hydrocarbon effluent to obtain at least one gas stream and a cut with a boiling point of less than or equal to 385°C and a cut with a boiling point above 385°C;
 - e) hydrotreatment of said cut comprising compounds with a boiling point of less than or equal
15 to 385°C to obtain a hydrotreated effluent;
 - f) separation to obtain at least a gaseous effluent and a hydrotreated liquid hydrocarbon effluent.

[No Figure]