Patent analysis of a medicinal plant as a source of natural products and drugs: Rosmarinus officinalis (Rosemary)

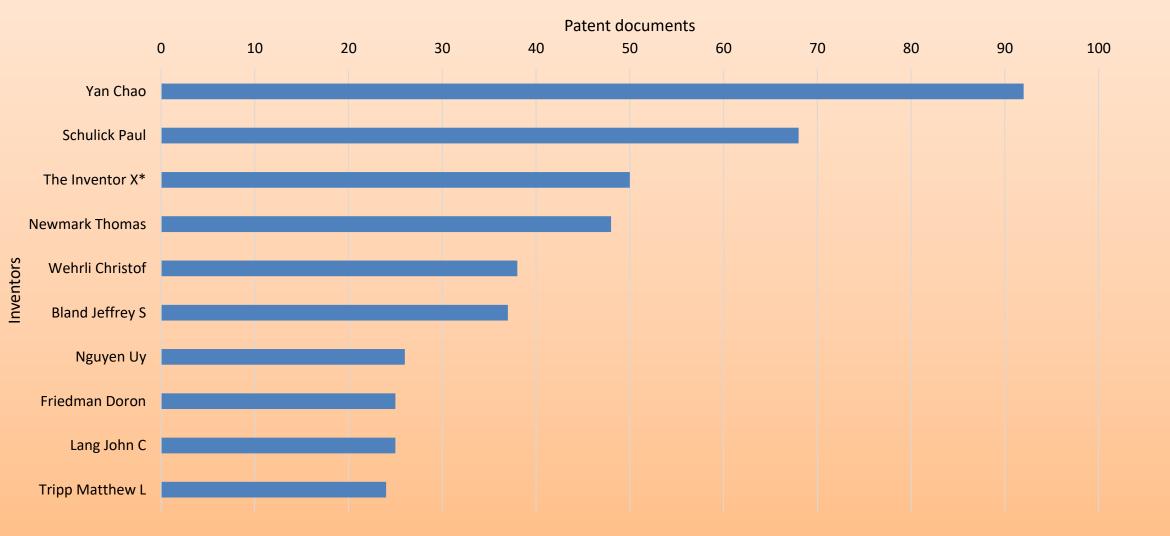
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## **RESULTS:** Inventors (Top 10)

\*The inventor has waived the right to be mentioned



#### AIM

□ This work, in the form of a patent analysis, which is a family of techniques for studying the information present within and attached to patents, describes the state of the art by introducing what has been patented in relation to Rosemary regarding to extracting methods/process, formulations and applications.

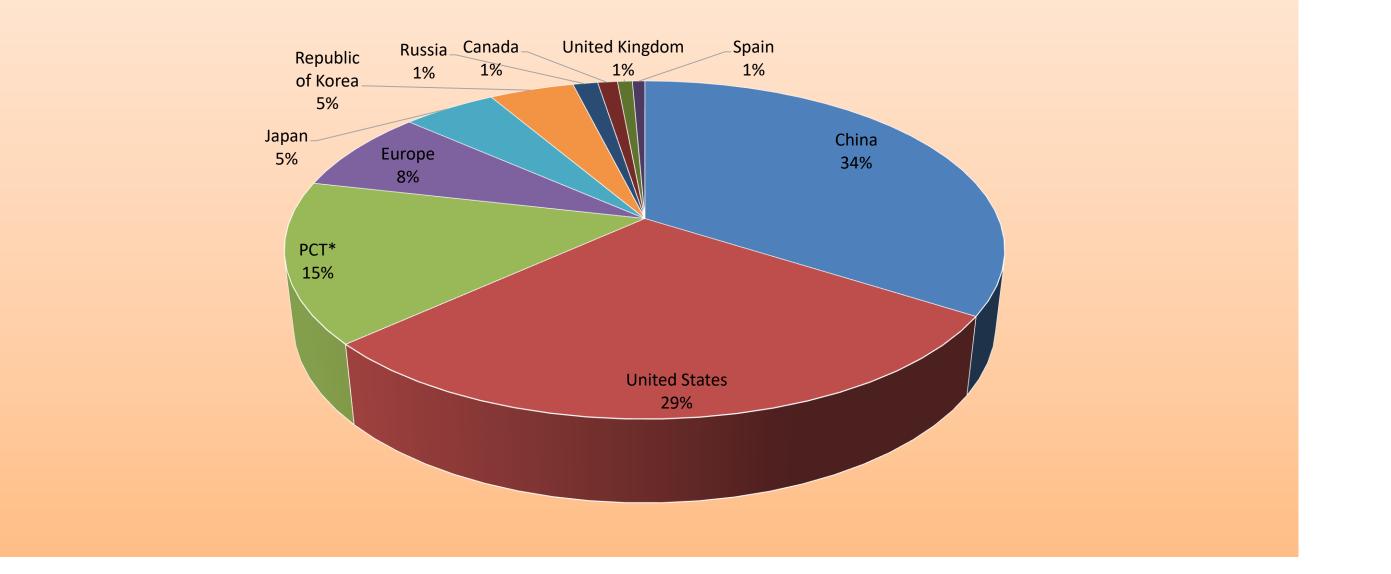
#### **RESOURCES AND RESEARCH METHODS**

□ The supported field codes used in this study was based on the Patentscope search service of the World Intellectual Property Organization (WIPO). □ 5 keywords and related terms were used and patents were searched according to title, abstract and claims. The search was then filtered to include only documents with the application date until December 31<sup>st</sup>, 2020.

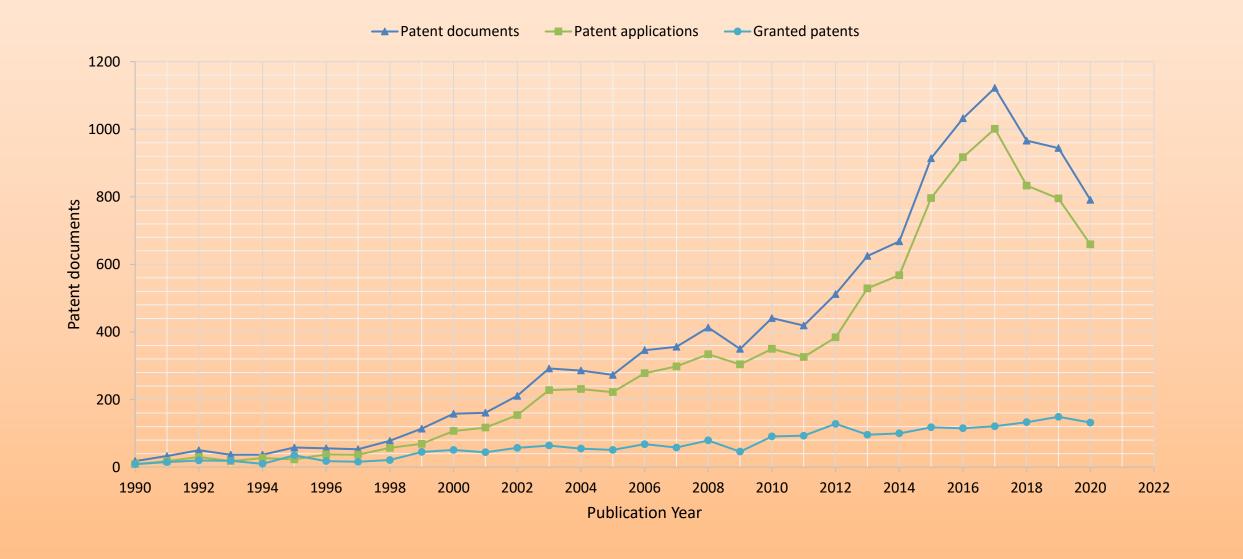
#### **RESULTS: Leaders as applicants and owners**



#### **RESULTS: Jurisdiction (Top 10)**



## **RESULTS: Publication years (Until 2020)**



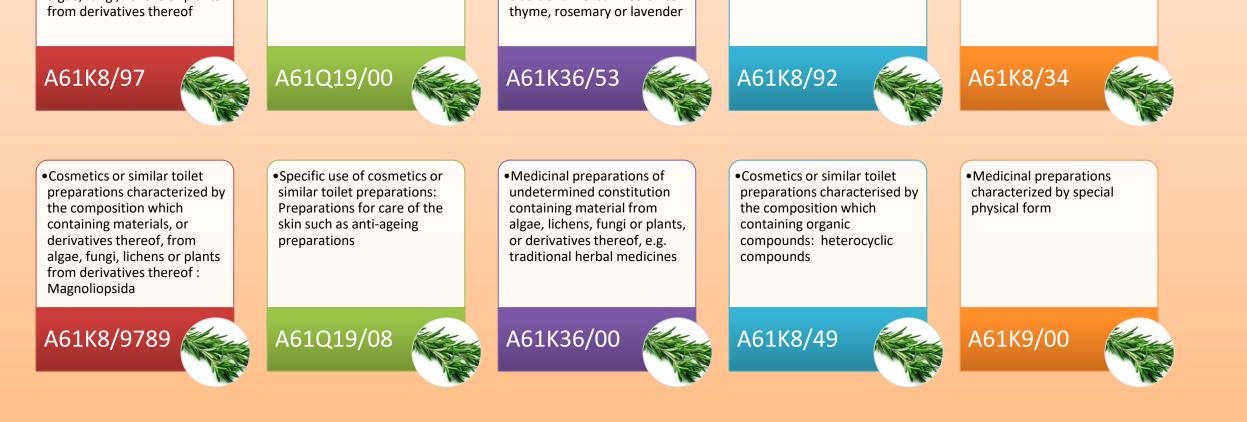
## **RESULTS: International Patent Classification**

Cosmetics or similar toilet	•Specific use of cosmetics or	Medicinal preparations of	•Cosmetics or similar toilet	•Cosmetics or similar toilet
preparations characterized by	similar toilet preparations for	undetermined constitution	preparations characterized by	preparations characterised by
the composition, which	care of the skin	containing material from	the composition: Oils, fats or	the composition containing
containing materials, or		algae, lichens, fungi or plants,	waxes Derivatives thereof,	organic compounds: Alcohols
derivatives thereof, from		or derivatives thereof, e.g.	e.g. hydrogenation products	
algae, fungi, lichens or plants		traditional herbal medicines:		

# CONCLUSIONS

□ 12062 patent documents have been found. □ China was ranked first with 3968 patent documents. □ 2017 was the year with the maximum number of patent documents (1122). The innovation and improvement of Rosemary-based products concerned:

- Raw materials;
- Formulations;
- Methods;
- Process.
- □ All filled patents concerned:
  - Devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms chemical aspects;



- Cosmetics or similar toilet preparations characterized by the composition;
- Medicinal preparations characterized by special physical form.



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