

Wednesday,  
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# Patents and the Pandemic

Patenting Trends Before  
and After Covid

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## A Pandemic Begins



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# Pre-Pandemic Patenting Numbers

Countries	Number of Applications
WIPO	240
China	616
Europe	189
Japan	179
South Korea	169
United States	599

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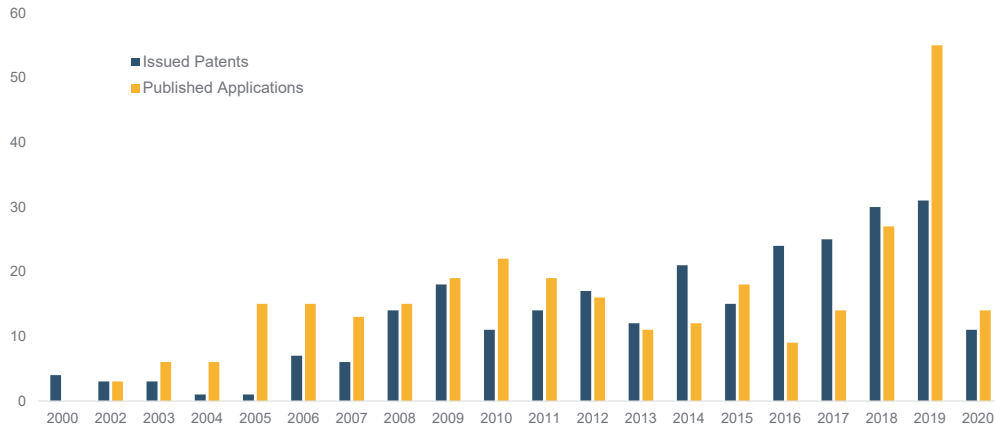
# Companies Making Headlines in 2021



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# SARS-CoV Global Epidemic of 2002 Spurred Innovation

Figure 1: Annual Distribution of Issued Patents and Patent Applications Related to Coronavirus (2000-2020)



## Early SARS Patent

- US Patent No.: 7,048,953, issued May 23, 2006.
  - 4. A method to reduce risks of infection of the **human respiratory system** by **respiratory pathogens in an enclosed public area** having one or more human beings within said enclosed area comprising the following steps: (a) within a period of time of 30 minutes before entering said public area, inhaling concentrated vapors from an essential oil mixture comprising 50% *Eucalyptus globulus* and 50% *Melaleuca alternifolia*,

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## Title search: Patents and the Pandemic: Patenting Trends Before and After Covid

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First appeared as part of the conference materials for the  
16<sup>th</sup> Annual Advanced Patent Law Institute session  
"The USPTO & COVID-19 - Innovation through Adversity"