

Patent Research and Analysis

The Lens

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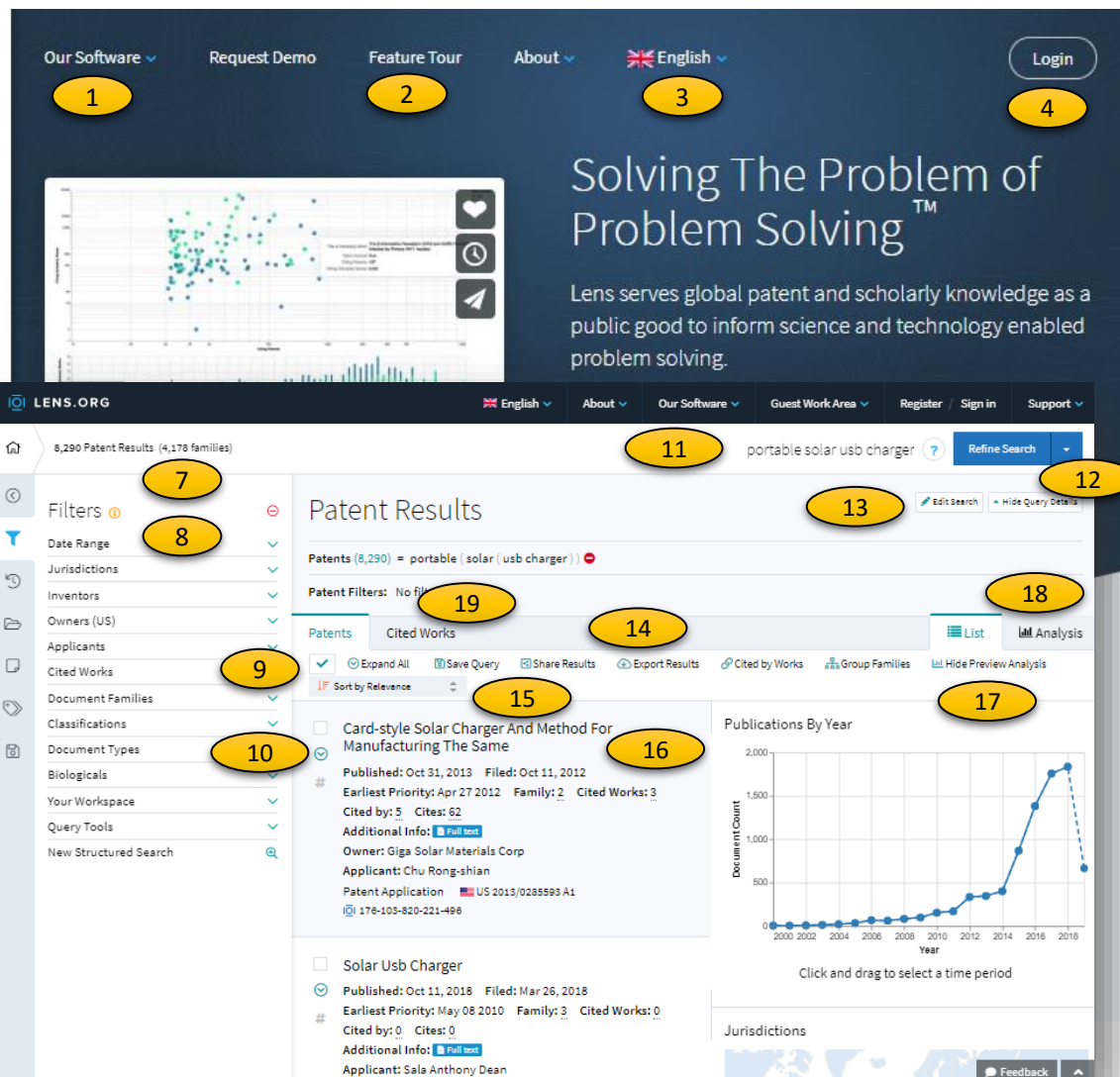
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6. Quick search options for Patents: the following search terms were entered into the patent search box on the left: portable solar usb charger

Structured searches are also possible, such as:

- portable AND solar AND usb AND charger
- portable AND solar AND (usb OR "universal serial bus") AND charger

Note: operators AND, OR and NOT must be in all caps.

Search results list and analysis

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Solar-powered Charger
Published: Apr 23, 2009 Earliest Priority: Aug 08 2007 Family: 3 Cited Works: 0 Cited by: 15 Cites: 11

Additional Info: [Full text](#)

Patent Application
US 2009/0102414 A1
125-025-230-619-559

1 2 3 4

Patent Summary Full-text Cited by 15 patents Cites 11 patents Family Info Legal Info Notes

5 6 7 8

Abstract
A solar-powered charger includes a solar collector configured to generate electrical energy when exposed to light, a battery coupled to the solar collector configured to receive and store the electrical energy, a connector coupled to the solar collector and the battery to provide a pathway for discharging the electrical energy to an external device and a casing configured to retain the solar collector, the battery and the connector, comprising an integral clip configured to attach the solar-power charger to a plurality of objects.

9

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11

Claims
1. A solar-powered charger, comprising:
a solar collector configured to generate electrical energy when exposed to light;
a battery coupled to the solar collector configured to receive and store the electrical energy;
a connector coupled to the solar collector and the battery to provide a pathway for discharging the electrical energy to an external device; and
a casing configured to retain the solar collector, the battery and the connector, comprising an integral clip configured to attach the solar-power charger to a plurality of objects.
2. The solar-powered charger of claim 1, wherein the integral clip comprises a carabiner clip.
3. The solar-powered charger of claim 1, wherein the integral clip comprises a Velcro® clasp.
4. The solar-powered charger of claim 1, wherein the casing comprises one of a metal casing, a ceramic casing, a plastic casing and a composite casing.

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2 3 4 5 1

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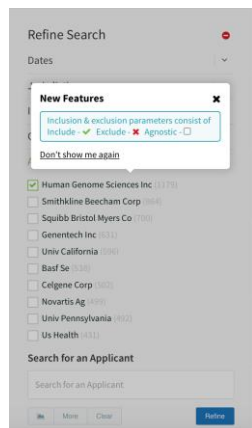
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Patent search:	portable solar usb charger	8290	Jun 06 2019, 11:28 AM	

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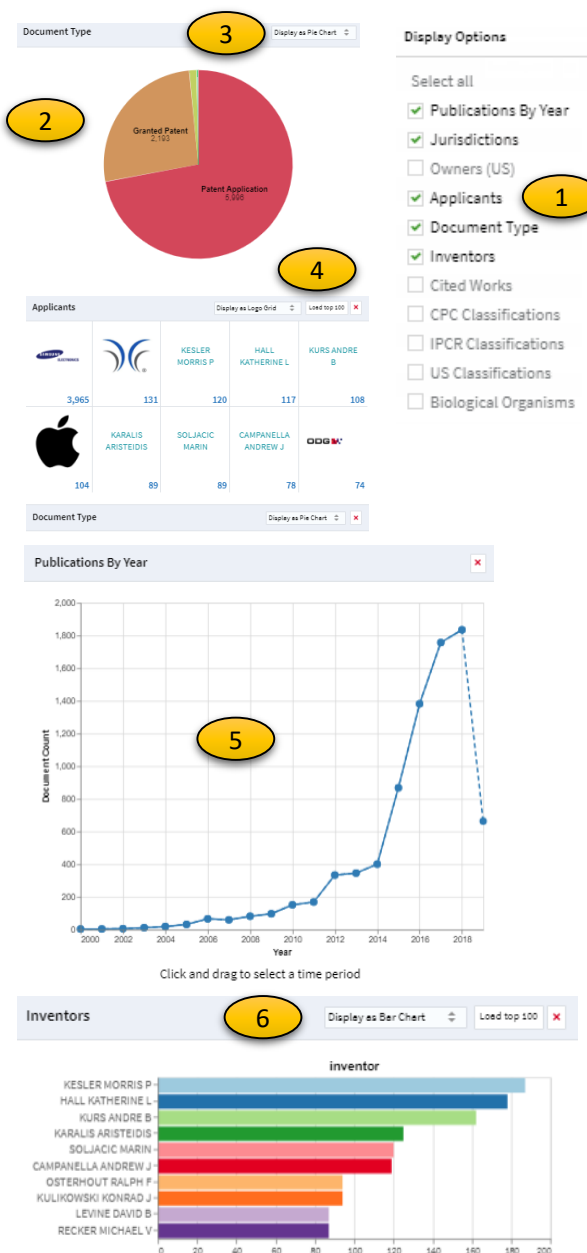
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