

When will a 'foldable battery' come out?

(Copyright: Samsung Electronics Co.,Ltd) Samsung has quietly filed a new patent with the United States Patent and Trademark Office (USPTO) for a "foldable battery" and the "electronic device including same." According to VeePN ,this technology could be introduced from as early as 2025on a device that folds in three.

Could Samsung develop a foldable battery?

Samsung could be developing a battery specially adapted to foldable smartphones,to save space and optimize performance. The idea is that it too could be foldable,integrating seamlessly into the phone's mechanism. The folding battery concept is detailed in a patent filed in the United States by Samsung. (Copyright: Samsung Electronics Co.,Ltd)

Could a Samsung tri-fold have a folding battery?

A newly-found patent suggests the rumored Samsung tri-fold may get even more complicated, with a folding battery to go with its folding display. What patents do show us is what manufacturing engineering teams are thinking about and exploring.

Why is Samsung launching a single-cell battery with three folding points?

Samsung is embarking on an unprecedented technological challenge. Its patent describes a single-cell battery with three folding points,designed to adapt specifically to the (complex) mechanism of foldable devices.

How does a battery poweringfoldable device optimize the interior space?

The aim of this research is to optimize the interior space taken up by batteries poweringfoldable devices. Compared to a conventional smartphone, this space is reduced by the presence of hinges.

Would a folding phone battery make a better battery life?

A folding battery like the one proposed here would mean more space is available for the phone battery in a folding phone,and that would hopefully translate into better battery life. However,it may add issues with weight and bulk. Sign up for breaking news,reviews,opinion,top tech deals,and more.

Samsung could be working on a device that could help the firm make its foray into the handheld gaming market, according to details from a patent document. If such a ...

The folding battery pack is formed by connecting and folding a plurality of single battery cells, and the length of the folding battery pack can be easily adjusted by selecting...

The utility model discloses a folding electric tricycle. The folding electric tricycle comprises handlebars, a front fork, a front wheel, a motor, pedals, a main beam, an auxiliary beam, a ...

Samsung's patent describes a flexible single-cell battery ideal for foldable devices. The patent, shared by VeePN and @xleaks7, reveals that Samsung has been ...

CONSTITUTION: A stack and folding type secondary battery is manufactured by forming a wetting hole in an electrolyte injection part(1) formed in a separator(2) and injecting the ...

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The utility model discloses a folding group battery and vehicle. This folding group battery includes: the flexible-package battery cell laminate comprises a plurality of layers of flexible-package ...

An apparatus for folding a battery cell according to an embodiment of the present invention may fold a sealing part of a pouch-type battery cell. ... 2022-08-11 Publication of ...

Key Patents Behind Oppo Foldable Watch Technology. CN108599797A - This patent covers a foldable display technology that integrates a flexible OLED screen with ...

US20140147730A1 - Sealing and folding battery packs - Google Patents Sealing and folding battery packs Download PDF Info ... Front Edge Technology, Inc. Battery with protective ...

The present invention provides a kind of folding battery and applies its electronic installation, wherein, the folding battery, including a battery, the battery includes multiple small battery ...

Samsung has patented a single-cell foldable battery designed to align with its triple-folding device's mechanism.

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The utility model belongs to a battery field, and specially relates to a foldable battery. The foldable battery comprises a main battery and a secondary battery which are in parallel...

Key Patents behind Oppo Foldable Phone Technology. CN112449523A - This patent describes Oppo's hinge mechanism, which prevents screen damage during repeated ...

Following the launch of Xiaomi's latest foldable smartphone (the Mix Fold 4) in July, we soon got a snippet of information about the development of a tri-fold smartphone as ...

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