

Impact Resistant Electrolytes

Disclosure Number

201303025

Technology Summary

The present invention includes use of a specially developed material as platform for a passive safety system for lithium ion batteries used in mobile applications such as cars and personal electronics. This special material will absorb and delocalize force during an impact (e.g. accident) preventing cell deformation and short circuiting. This will prevent chemical fires originating from the battery which is a significant safety issue in batteries for electrical vehicle applications.

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Note: The technology described above is in the early stages of commercialization. Licensing rights in this technology may be limited or unavailable. As of the date of this notice, patent applications directed towards this technology may not have been filed with any patent office.