The Mayer-Vietoris principle for higher Grothendieck-Witt groups of schemes

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We will explain how to generalize from algebraic K-theory of schemes to the theory of higher Grothendieck-Witt groups, alias hermitian K-theory, Thomason-Trobaugh's localization and (Zariski-) Mayer-Vietoris theorems. This improves on previous results of Hornbostel in that we don't need our schemes to be regular, nor do we need any assumption on the characteristic such as "2 invertible".