In this web version a characteristic 0 assumption is added in Section 5; this was unfortunately omitted in the published version. Thanks to O. Wittenberg for noticing it. The point is that in the beginning of the proof of Corollary 5.3., we use the fact that ${}_{l^n}\mathrm{Pic}^0_X(\bar{k})$ and ${}_{l^n}\mathrm{Alb}_X(\bar{k})$ are dual Galois modules, which might fail in positive characteristic. Nevertheless the corollary holds (as was kindly explained to us by O. Wittenberg) in characteristic $p > 0$ because the p-cohomological dimension of a perfect field of characteristic p is ≤ 1.