In 2007, K. Győry and K. Yu proved a very important theorem on S-unit equations in number fields. As an application, Győry [Gy] derived the following result towards the truth of the *abc* conjecture. Let $\log^* x = \max(\log x, 1)$ if x > 0.

Theorem 1 Let A, B, C, a, b, c be non-zero integers such that Aa+Bb+Cc = 0, gcd(A, B, C) = gcd(a, b, c) = 1 and max(|a|, |b|, |c|) > 1. Then

$$\log \max(|a|, |b|, |c|) < 2^{10t+22} t^4 \frac{P}{\log^* P} \left(\prod_{p|abc} \log p \right) \log^* H,$$

where $H = \max(|A|, |B|, |C|)$, P is the greatest prime factor of abc and t is the number of distinct prime factors of abc.

In the direction of Baker's and Granville's refinements of the abc conjecture, Győry [Gy] states the following consequence of Theorem 1.

Corollarly 1 Let a,b,c be coprime positive integers with a + b = c. Then

$$\log c < \frac{2^{10t+22}}{t^{t-4}} N (\log N)^t,$$

where N is the product and t is the number of distinct prime factors of abc.