$$\frac{U_1}{U_2} = \frac{n_1}{n_2} = \frac{1000}{20} = \frac{50}{1}$$

$$U_1 = 220\ V \implies U_2 = 4,4\ V$$

$U_1 = 220\ V\sim$

$n_1 = 1000$

$n_2 = 20$

U_2

Bild II 2-11 Klenspänningstransformator