

decidable_equal_union^{11,40}

$\forall A, B: \text{Type}.$

$(\forall x, y: A. \text{decidable}(x = y))$

$\Rightarrow (\forall u, v: B. \text{decidable}(u = v))$

$\Rightarrow (\forall x, y: (A + B). \text{decidable}(x = y))$