

decidable_equal_union^{0,22}

$\forall A, B:\text{Type}. (\forall x, y:A. \text{Dec}(x = y)) \Rightarrow (\forall u, v:B. \text{Dec}(u = v)) \Rightarrow (\forall x, y:A+B. \text{Dec}(x = y))$