

decidable_equal_product^{0,22}

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

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