es-interface-from-decidable[11,40]

$\forall es$:ES, A:Type, R:(E$\to A\to \mathbb{P}$).
($\forall e$:E. Dec($\exists a$:A. $R(e,a)$))
$\Rightarrow$ ($\exists X$:AbsInterface(A)
    ($\forall e$:E. (($\uparrow(e \in_b X)$) $\Longleftrightarrow$ ($\exists a$:A. $R(e,a)$)) & (($\uparrow(e \in_b X)$) $\Rightarrow$ $R(e,X(e))$))))