```
function PROPOSITIONAL-KB-AGENT(percept) returns an action
  static: KB, a knowledge base
          t, a counter, initially 0, indicating time

  TELL(KB, MAKE-PERCEPT-SENTENCE(percept, t))
  for each action in the list of possible actions do
      if ASK(KB, MAKE-ACTION-QUERY(t, action)) then
          t ← t + 1
          return action
  end
```