

```

type etat = {final: bool; transitions: (char*int) list};;

type AFD = AFD of etat vect;;

let reconnait (AFD v) w =
  let delta q c = assoc c v.(q).transitions
  in let rec delta_barre q = function
      | [] -> q
      | t::r -> delta_barre (delta q t) r
  in
  try
    let dernier = delta_barre 0 w
    in v.(dernier).final
  with Not_found -> false;;

```