```
enigma2(A, [A|_]) :- !.
enigma2(A, [_|T]) :- enigma2(A, T).
enigma([A,B|_], [A|T2]) :- enigma2(B, T2), !.
enigma([A,B|T1], [_|T2]) :- enigma([A,B|T1], T2).

enigma([1,2], [1,1,2]).
        enigma2(2, [1,2])
                false (backtrack)
                enigma2(2,[2])
                        true. (cut)
        → true. (cut)
→ true.
```