$$(\operatorname{cur} \leq \operatorname{max} \wedge \operatorname{cur} \neq \triangleright, \emptyset)$$

$$q_0 \qquad (\operatorname{cur} \neq \triangleright, \operatorname{max} := \operatorname{cur}) \qquad (\operatorname{cur} = \triangleright, \emptyset) \qquad \bullet \qquad (q_2) = \operatorname{max}$$

$$(\operatorname{cur} > \operatorname{max} \wedge \operatorname{cur} \neq \triangleright, \operatorname{max} := \operatorname{cur})$$