

Results for CXP (in 00:00:04.230):

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BM(0)=0, BM(1)=0, BM(2)=0, BM(3)=0, Dir=1, PC=4, PE(0)=3, PE(1)=4, PE(2)=4, PE(3)=4, Pos=0
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SET_EXPECTED_AS:
q0 = ~((Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BC(etage)=1))))), ~((Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ~(p0 = PC=ouvertes[3])))
q1 = ~((Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BC(etage)=1))))), (Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ~(p0 = PC=ouvertes[3])))
q2 = ~((Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BC(etage)=1))))), ~((Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ~(p0 = PC=ouvertes[3]))))
q4 = ~((Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , , BC(etage)=1))))), ~((Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), (p0 = PC=ouvertes[3])))
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SET_RCHD_AS:
q0 = ~Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), ~Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ~(p0 = PC=ouvertes[3])
q1 = ~Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), (Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ~(p0 = PC=ouvertes[3])
q4 = ~Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), ~Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), (p0 = PC=ouvertes[3])

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SET_RCHD_EXPECTED_AS:
q0 = -(Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), , ~Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), , ~(p0 = PC=ouvertes[3])
q1 = -(Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), , ~Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), , ~(p0 = PC=ouvertes[3])
q4 = -(Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), , ~Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), , (p0 = PC=ouvertes[3])

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SET_EXPECTED_AT:
q2 = (Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage <= [(Pos + 1)..LF], ), , BC(etage)=1))), -(Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), -(p0 = PC=ouvertes[3]) - [ iMontee_Cabine >] ql = -(Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage <= [(Pos + 1)..LF], ), , BM(etage)=1))), 3(etage).(and(and(etage <= [(Pos + 1)..LF], ), , BC(etage)=1)))), -(Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), -(p0 = PC=ouvertes[3]) )

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BM(etage)=1)),  $\exists$ (etage).(and(and(etage  $\in$  [(Pos + 1)..LF], ), , BC(etage)=1))),  $\neg$ (Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ( $\rho_0$  = PC=ouvertes[3])  $\wedge$  [h_Aperlu_Descente_Etage]  $\rightarrow$  q4  $\neg$ (Montee_Cabine = and(Pos < LF, Pos  $\geq$  0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage  $\in$  [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage  $\in$  [(Pos + 1)..LF], ), , BC(etage)=1)))),  $\neg$ (Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ( $\rho_0$  = PC=ouvertes[3]))
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SET_RCHD_EXPECTED_AT:

SET_UNRCHD_AS:

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q2 = (Montee_Cabane = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), ~(Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), ~(p0 = PC=ouvertes[3]))
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SET_UNRCHD_EXPECTED_AS:

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q2 = (Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage E [(Pos + 1)..LF]), ), , BM(etage)=1)), 3(etage).(and(and(etage E [(Pos + 1)..LF], ), , BC(etage)=1)))), not(Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), not(p0 = PC=ouvertes[3]))

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SET_UNRCHD_AT:

SET UNRCHD EXPECTED AT:

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SET _Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), -(Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), -(p0 = PC=ouvertes[3]) - [ iMontee_Cabine ]-> q1 = -(Montee_Cabine = and(Pos < LF, Pos >= 0, PC=refermees[5], PE(Pos)=fermees[4], Dir=1, or(3(etage).(and(etage < [(Pos + 1)..LF], ), , BM(etage)=1)), 3(etage).(and(and(etage < [(Pos + 1)..LF], ), , BC(etage)=1)))), (Ouverture_Portes_Etage = and(PE(Pos)=fermees[4], PC=fermees[4])), -(p0 = PC=ouvertes[3]))

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TIME_ATS: 00:00:04.230

TIME_TESTS: 00:00:00.000