fischerHRSV02_2.imi

2 clocks	4 parameters	1 discrete	Initial
x_1 x_2	min_rw max_rw min_delay max_delay	lock	min_rw >= 0 & min_delay >= 0 & max_delay > min_delay & max_rw > min_rw & x_1 = 0 & x_2 = 0

process_1

start_1	max_rw >= x_1

lock <> 0 & x_1 > min_rw x_1 := 0;

lock = 0 & x_1 > min_rw x_1 := 0;

set_1	max_rw >= x_1

lock <> 1 & x_1 > min_delay x_1 := 0;

x_1 > min_rw lock := 1; x_1 := 0;

tryenter_1	max_delay >= x_1

lock = 1 & x_1 > min_delay

cs_1	True

x_1 := 0; lock := 0;

process_2

start_2	max_rw >= x_2

lock <> 0 & x_2 > min_rw x_2 := 0;

lock = 0 & x_2 > min_rw x_2 := 0;

set_2	max_rw >= x_2

lock <> 2 & x_2 > min_delay x_2 := 0;

x_2 > min_rw lock := 2; x_2 := 0;

tryenter_2	max_delay >= x_2

lock = 2 & x_2 > min_delay

cs_2	True

x_2 := 0; lock := 0;