```
process Sieve[1] {
  int p = 2;
  for [i = 3 to n by 2]
    Sieve[2]!i;   # pass odd numbers to Sieve[2]
}
process Sieve[i = 2 to L] {
  int p, next;
  Sieve[i-1]?p;                # p is a prime
  do Sieve[i-1]?next ->        # receive next candidate
    if (next mod p) != 0 ->    # if it might be prime,
      Sieve[i+1]!next;         #   pass it on
    fi
  od
}
```

Figure 7.15 Sieve of Eratosthenes in CSP.