```
type graph = bool [n,n];
chan probe[n](graph spanningTree; message m);

process Node[p = 0 to n-1] {
  graph t; message m;
  receive probe[p](t, m);
  for [q = 0 to n-1 st q is a child of p in t]
    send probe[q](t, m);
}

process Initiator {  # executed on source node S
  graph topology = network topology;
  graph t = spanning tree of topology;
  message m = message to broadcast;
  send probe[S](t, m);
}
```

Figure 9.9 Network broadcast using a spanning tree.

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