A_CU

```
       TRIGGER (CHANNEL.CD.?2) {
              CHANNEL.DD.?1:info2;
13            mark2 := checkProduct(info2);
14            mark2 >> SWRITE2;
       }

15     TRIGGER (sortSensor == TRUE) {
16            mark << SCANNER;
17            IF (mark == TRUE) {
19                   countQuality := countQuality+1;
                     CHANNEL.CD.!3;
                     CHANNEL.CD.?4;
              }
              ELSE {
22                   countUnQuality:=countUnQuality+1;
                     CHANNEL.CD.!5;
                     CHANNEL.CD.?6;
              }
23            picked := TRUE;
       }
```

B_CU

```
1      TRIGGER (pathSensor == TRUE) {
2             cycles := cycles+1;
3             IF (cycles % 2 == 1) {
4                    PATHSET << 'path1';
              }
              ELSIF (cycles % 2 == 0) {
6                    PATHSET <<'path2';
              }
       }

24     TRIGGER (picked == TRUE) {
              SYNC.DATA.2:countQuality;
              SYNC.DATA.2:countUnQuality;
25            IF (countUnQuality/countQuality > 0.01) {
26                   STOP;
              }
27            picked := FALSE;
       }
```

C_CU

```
7      TRIGGER (sensor1 == TRUE) {
              CHANNEL.CD.!1;
       }

11     TRIGGER (sensor2 == TRUE) {
              CHANNEL.CD.!2;
12            info2 << SREAD2;
              CHANNEL.DD.!1:info2;
       }
```

D_CU

```
       TRIGGER (CHANNEL.CD.?5) {
21            SORTSET << 'UnQuality';
              CHANNEL.CD.!6
       }
       TRIGGER (CHANNEL.CD.?3) {
18            SORTSET << 'Quality';
              CHANNEL.CD.!4
       }
       TRIGGER (CHANNEL.CD.?1) {
8             info1 << SREAD1;
9             mark1 := checkProduct(info1);
10            mark1 >> SWRITE1;
       }
```