

Title (en)
Manufacture of article surveillance tags

Title (de)
Herstellung von Warensicherungsetiketten

Title (fr)
Production d'étiquettes de surveillance d'articles

Publication
EP 1355282 A1 20031022 (EN)

Application
EP 02394040 A 20020417

Priority
EP 02394040 A 20020417

Abstract (en)
Surveillance tags (1) are manufactured by initially producing resonator elements (14) and bias elements (12) in batches in cells (21, 22). There is in-line testing of the resonator elements (14) as they are cut, and dynamic feedback to the cutter to adjust cutting parameters. Bias elements (12) are cut by drawing two webs (41, 42) from reels in side-by-side juxtaposition. Each web is drawn through fixed and dancing rollers for correct tensioning. The webs (41, 42) are fed by a feeder (70) comprising a pair of feed rollers (71(a), 71(b)) for each web, and a feed block (72) having a ramped loading section (74) located between the feed rollers. The feed block (72) has a groove (73) for each web, the groove having upwardly and inwardly extending side walls for web retention. <IMAGE>

IPC 1-7
G08B 13/24

IPC 8 full level
G08B 13/14 (2006.01); **G08B 13/24** (2006.01)

CPC (source: EP)
G08B 13/2408 (2013.01); **G08B 13/244** (2013.01)

Citation (search report)
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• [A] US 6067016 A 20000523 - DESCHENES CHARLES L [US], et al
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EP 1355282 A1 20031022; EP 1355282 B1 20050907; AT E304198 T1 20050915; DE 60206018 D1 20051013; IE 20020274 A1 20031029; IE 83388 B1 20040421; IE S20020275 A2 20030108

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