

Title (en)

Security tag having arcuate channel and detacher apparatus for same

Title (de)

Sicherheitsetikett mit einem bogenförmigen Kanal und Trennvorrichtung

Title (fr)

Etiquette de sécurité avec canal courbé détacheur

Publication

EP 0725199 A1 19960807 (EN)

Application

EP 95100759 A 19950120

Priority

EP 95100759 A 19950120

Abstract (en)

An EAS tag in which the tag is held to an article by an attaching means a part of which is releasably prevented from being withdrawn from the body of the tag. The tag body is provided with an arcuate channel through which an arcuate detacher probe can be guided for releasing the attaching means part. A spring clamp provides the releasable preventing function and includes jaws specifically adapted to respond to in-plane torsional forces provided by the arcuate probe which is moved through the arcuate channel by rotation to reach the spring clamp. Hand and power actuated detacher assemblies incorporating the arcuate probe are also provided. <IMAGE>

IPC 1-7

E05B 73/00

IPC 8 full level

E05B 73/00 (2006.01)

CPC (source: EP)

E05B 73/0017 (2013.01); **E05B 73/0064** (2013.01)

Citation (search report)

- [A] DE 8906730 U1 19890824
- [A] US 4196424 A 19800401 - WILLIAMSON ROBERT D [US]
- [A] DE 9005391 U1 19900913
- [DA] US 5031756 A 19910716 - BUZZARD JON D [US], et al
- [DA] US 3942829 A 19760309 - HUMBLE DAVID RAYMOND, et al
- [A] US 4774504 A 19880927 - HARTINGS MICHAEL F [US]
- [A] US 4156302 A 19790529 - VAN NIEL CLARENCE R [US]

Cited by

EP2394009A4; CN101918663A; DE102005062414A1

Designated contracting state (EPC)

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