



**List of granted patents:**

Business Unit	Country	Status	Patent Number	Sold to Customer Today	Product	Product Description
Artazn	United States	granted	7,553,554	NO	LifeDowel™	LifeDowel is zinc anode technology attached to steel dowel bar impeded in concrete pavements to protect from corrosion.
Artazn	United States	granted	8,349,148	YES	LifeJacket®	LifeJacket cathodic protection systems provide remediation to corrosion degradation of steel and steel-reinforced concrete structures (e.g. bridges) subjected to chlorine induced corrosion and structural failure.
Artazn	United States	granted	9,074,288	YES	LifeJacket®	LifeJacket cathodic protection systems provide remediation to corrosion degradation of steel and steel-reinforced concrete structures (e.g. bridges) subjected to chlorine induced corrosion and structural failure.
Artazn	United States	granted	9,068,268	YES	LifeAnode™	LifeAnode system is a discrete galvanic anode for spot or patch repairs to chlorine induced corrosion of steel or steel-reinforced concrete structures.
Artazn	Mexico	granted	385751	YES	ZincSecure® Coinage	ZincSecure is derived from a zinc alloy composition with a unique reduced conductivity and electro-magnetic signature for anticounterfeiting coinage.
Artazn	Canada	granted	2918133	YES	ZincSecure® Coinage	ZincSecure is derived from a zinc alloy composition with a unique reduced conductivity and electro-magnetic signature for anticounterfeiting coinage.
Artazn	European Patent Convention	granted	3039165	YES	ZincSecure® Coinage	ZincSecure is derived from a zinc alloy composition with a unique reduced conductivity and electro-magnetic signature for anticounterfeiting coinage.
Artazn	South Korea	granted	2149384	YES	ZincSecure® Coinage	ZincSecure is a nickel plated zinc substrate through an induction heating process.
Artazn	Mexico	granted	394989	YES	ZincSecure® Coinage	ZincSecure is a nickel plated zinc substrate through an induction heating process.

Artazn	Peru	granted	10334	YES	ZincSecure® Coinage	ZincSecure is a nickel plated zinc substrate through an induction heating process.
Artazn	United States	granted	10,926,312	YES	ZincSecure® Coinage	ZincSecure is a nickel plated zinc substrate through an induction heating process.
Artazn	European Patent Convention	granted	3082492	YES	ZincSecure® Coinage	ZincSecure is a nickel plated zinc substrate through an induction heating process.
Artazn	Peru	granted	10331	YES	ZincSecure® Coinage	ZincSecure is derived from a zinc alloy composition with a unique reduced conductivity and electro-magnetic signature for anticounterfeiting coinage.
Artazn	Canada	granted	2931002	YES	ZincSecure® Coinage	ZincSecure is a nickel plated zinc substrate through an induction heating process.
Artazn	United States	granted	11,519,078	NO		Zinc ribbon anode with improved flexibility and decreased propensity to crack for grounding industrial structures and utilities such as metal pipes and storage tanks.
Artazn	South Korea	granted	2292013	YES	ZincSecure® Coinage	ZincSecure is derived from a zinc alloy composition with a unique reduced conductivity and electro-magnetic signature for anticounterfeiting coinage.