

Focus on

Audi wins for its use of aluminium



The European Inventor of the Year Awards were given away last May 6th in Ljubljana, Slovenia. The prizes are jointly presented by the European Commission and the European Patent Office (EPO) to inventions having made a significant contribution to the citizens' life and having been patented by the EPO. A high-profile independent jury screens the winners. The Industry Award was given to a team from the German carmaker Audi for the development of an aluminium lightweight bodywork. For several years, the carmakers have preferred steel to aluminium for the production of bodyworks based on the principle 'the heavier, the stronger'. Audi has started to develop lightweight cars in order to reduce their fuel consumption. Switching to such a lightweight material as aluminium wasn't easy. Norbert Enning and his team had to totally redesign the bodywork to avoid that aluminium bended in the key points ..read more

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From The Companies

information from the Community members....

OMFA SNC
The experience of a die-producer that celebrates 35 years

ALUMINIUM TREVISAN COMETAL
Automatic & self-cleaning booth for vertical powder coating lines

STAIN SRL
Increase efficiency and reduce production costs in diecasting



The atlas of microstructures of aluminium casting alloys
Microstructural characteristics, micrographies, comparative tables ...



INTERNATIONAL ALUMINIUM EXHIBITION
14 - 17 April 2010
Garda Exhibition Centre Montichiari-Brescia-Italy

Latest picks

The advance of composite materials

The use of composite materials in the aeronautic sector is constantly increasing, so much so that Airbus and Boeing compete to propose new applications. In France for example several R&D industrial projects are under way such as the 'PIMOC' project by the French company

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OnLine picture gallery



Oryx

'Econweld' project demonstration days

The 'Econweld' project, sponsored by the Italian Institute for Welding (IIS) and Aspirmig along with other major European partners, includes several applications of the ergonomic and ecologic welding. The 'Econweld' project is comprised of different work phases each dealing with a different aspect, from technology to ergonomics, from environmental pollution to the production costs of welded joints. Everything is integrated and optimized by means of the modelization of the different aspects involved in welding thanks to an original calculation software ..read more

Steps forward for Alcoa's project in Greenland

The Greenland parliament has taken the decision to advance into a second phase of joint studies with Alcoa into the feasibility of establishing a world class sustainable aluminium industry in Greenland. The parliament strongly endorsed Greenland Home Rule government's

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Metal Prices

Non Ferrous Metal prices LME official of 05/16/2008		
	Cash (ASK)	3 months (ASK)
Aluminium	0	0
Aluminium alloy	0	0
Nickel	0	0
Lead	0	0
Copper	0	0
Tin	0	0
Zinc	0	0

Technical analysis: by Kauffmann & Sons



Aluminium QUOTATION (USD)

	3 MONTH		CASH		Support
	BID	ASK	BID	ASK	
Resistance					
3120	2976	2980	2931	2935	2900
3010					2800
	Totals		Movements		
STOCKS	1030450		-1925		
RSI	47,69				
Short period trend			SIDE		
Medium period trend			SIDE		

ASK : the quoted market selling price.
 BID: the quoted market buying price
 CASH: the current price in the market for cash/spot contracts
 3 MONTHS: the current price in the market for a delivery delayed of 3 months
 SUPPORT: a price area where new buying is likely to come in and stem any decline
 RESISTANCE: a price area where new selling will emerge to dampen a continued rise

News from the aluplanet.com archive

Some oddities from the aluminium's world

Did you know that the largest clock in Europe is in aluminium? And that 37 cans are needed to make 1 coffee pot? And that the latest notebook from Apple, with a total weight of 1.3 Kilos, is completely encased in aluminium? These and other oddities from aluminium's world.

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Global trends in casting production

Highlights of the most important factors of the sector from a privileged point of view, the European foundry association. Here you find the latest market data presented by Max Schumacher of Caef.

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Recovery and recycling of packages in 2006

The Conai (Consorzio Nazionale Imballaggi – Italian Packages Association) celebrates its 10 years of activity and boasts flattering results. Since the starting of the Conai-Consorzi System in 1997 the result are remarkable: since 1998 the quantity of packages recycled increased

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Upcoming Events

20 - 22 May 2008	Brussels, Belgium	12th Zinc and its Markets Seminar
21 - 23 May 2008	Beijing, China	2nd China Steel Raw Materials & Finished Products Conference
28 - 30 May 2008	Guangzhou, China	Aluminium China 2008

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