

SG 212 Documents 2004

Number	Title	Country	IIW Number
SG 212			
212-1060-04	Development of a circumferential GTA welding process model for aluminium alloy structures	JAPAN	
212-1061-04	UV radiation thermometry of TIG weld pool	JAPAN	
212-1062-04	Characteristics of hollow cathode arc as a heat source	JAPAN	
212-1063-04	Mathematical modeling of the interactions between coupled welding arc and pool for gas tungsten arc welding	P.R. CHINA	
212-1064-04	"LTE-Diffusion Approximation" for arc welding calculations	JAPAN	
212-1065-04	Starting of the MIG process	GERMANY	
212-1067-04	In-situ measurements of electrode work functions in TIG arcs during operation	JAPAN	
212-1068-04	GMA welding process using wire feed rate which synchronized current waveform	JAPAN	
212-1070-04	Monitoring pendant droplet oscillation during pulsed-current GMAW	JAPAN	
Joint Workshop - Mechanism of the A-TIG Process and its Application in Industry			
212-1053-04	Insulation effects of flux layer in producing greater weld depth	AUSTRALIA	XII-1800-04
212-1054-04	Effects of welding parameters on the weld shape in Ar-O ₂ and Ar-CO ₂ shielded GTA welding	JAPAN	XII-1801-04
212-1055-04	Basic understanding of A-TIG welding process	JAPAN	XII-1802-04
212-1056-04	Application of A-TIG process to repair welding in power plants	JAPAN	XII-1803-04
212-1057-04	Enhancing GTAW performance through flux coatings. Theoretical background and industrial applications	FRANCE	XII-1804-04
212-1058-04	Application of GTA Welding with activating flux to nuclear power plant	JAPAN	XII-1796-04
212-1059-04	Effect of activate flux on anode reaction	JAPAN	XII-1797-04
212-1066-04	Optimisation of flux coatings on ATIG welding performance; case study of silica on stainless steels	JAPAN	XII-1809-04