

Commission XII Documents 2006

Number	Title	Date	Country
C-XII-1877-05	Steering the heat input with the MIG process	2005	GERMANY
C-XII-1879-06	Present state and future of cars production in Slovak Republic	2006	SLOVAKIA
C-XII-1880-06	Relative share of welding methods in production of automobiles	2006	SLOVAKIA
C-XII-1881-06	Electron and laser beam welding of die-cast aluminium alloy components of heat exchanger for automotive industry	2006	SLOVAKIA
C-XII-1882-06	The contribution of welding to lightweight vehicle technology	2006	
C-XII-1883-06	Occurrence of arc interference and interruption in tandem pulsed GMA welding	2006	JAPAN
C-XII-1885-06	TOPTIG alternative to weld very thin sheet	2006	FRANCE
C-XII-1886-06	The application of constricted TIG and plasma arc welding to increase productivity	2006	UNITED KINGDOM
C-XII-1887-06	Hybrid laser-arc pipeline welding	2006	UNITED KINGDOM
C-XII-1888-06	Reviewing the "Classification of metal transfer"	2006	UNITED KINGDOM
C-XII-1890-06	Numerical modeling of heat transfer, fluid flow and microstructural evolution during fusion welding of alloys	2006	USA
C-XII-1891-06	An alternative current control approach for dip transfer GMAW	2006	AUSTRALIA
C-XII-1892-06	Effect of shielding gas on penetration shape in double shielded GTA welding	2006	JAPAN
C-XII-1893-06	The mechanism and significance of drop spray transfer in GMAW	2006	NETHERLANDS
C-XII-1894-06	Effects of interaction between the arc and laser plume on metal transfer in pulsed GMA/CO ₂ laser hybrid welding	2006	JAPAN
C-XII-1895-06	The fundamental stability mechanisms in tandem-MIG/MAG welding, and how to perform implementation	2006	SWEDEN
C-XII-1896-06	Development of advanced 3-electrode MAG high speed horizontal fillet welding process	2006	JAPAN
C-XII-1897-06	Use of sensors in creation of equipment for adaptive welding technology	2006	
C-XII-1898-06	Retrofit tee hot tapping using diverless underwater GMA welding	2006	NETHERLANDS
C-XII-1899-06	Influence of welding speed on process stability in hybrid welding	2006	GERMANY
C-XII-1900-06	Spatter reduction of steel sheets welding using Controlled Bridge Transfer (CBT) GMA process	2006	JAPAN
C-XII-1901-06	Numerical simulation of electromagnetic field in arc welding	2006	JAPAN
C-XII-1902-06	Sensing and seam tracking of welding line in backingless V groove welding	2006	JAPAN
C-XII-1903-06	Application of a GMA welding process model for various joints	2006	JAPAN
C-XII-1904-06	Development of the system analysing welder behavior in MAG welding with visual sensors	2006	JAPAN
C-XII-1905-06	SERVO-ROBOT - The adaptive robotic process company	2006	CANADA
C-XII-1906-06	Quality is "almost free" - Laser vision technology insures six Sigma level robotic welding quality is achieved	2006	CANADA
C-XII-1907-06	Continuous improvement tools for automotive laser welding	2006	CANADA
C-XII-1908-06	Development of supersonic wave TIG welding method	2006	JAPAN
C-XII-1909-06	The influence of the electrode materials and shielding gas mixture on the specific electric resistances of the drop/column of the arc in MIG/MAG welding	2006	BRAZIL
C-XII-1910-06	The influence of pulse synchronisation on the process stability during tandem wire arc welding	2006	NETHERLANDS
C-XII-1911-06	Factors of increased penetrating capacity of A-TIG welding of stainless steel	2006	UKRAINE