

Recent Activities in Research of Welding

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The trends of the welding technologies and research developments in recent 10 years are outlined by including changes in social conditions and requirements of the market. Welding materials and a process were developed for high efficiency and high quality. For example, a low spatter (teringsolind) 5.7% was achieved.

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要旨

溶接における最近 10 年間の技術動向と研究活動の概要を、社会環境や市場ニーズの変化を含めて紹介した。溶接材料の分野では高能率、高品質を目的に、低スパッタ CO₂ アーク溶接用ソリッドワイヤや極厚鋼板の高能率 1 パスサブマージアーク溶接方法、



