

过程与工艺

Thermochemical Treatment-Technologies for Recovery and Utilisation of Materials

Gerd Kley,Rudolf Brenneis,Burkart Adamczyk,Franz-Georg Simon

Division Waste Treatment and Remedial Eng., Federal Inst. Materials Research and Testing BAM

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摘要 The arc furnace technology is an ideally suited process for the treatment of hazardous and problematic waste. The operation conditions of the arc furnace can be adapted for optimal transformation of the waste material input into raw materials and usable products. The process can significantly reduce the impact of contaminated wastes and industrial residues, and enable material conversion and separation. Thus, the products of the process have various applications. The capability of the process is illustrated with three examples, the treatment of bottom ash and filter ash from waste incineration plants, of stainless steel slags and of chromium containing residues from the refractory industry.

关键词 [thermochemical treatment,materials separation,refractories,stainless steel](#)

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通讯作者:

franz-georg.simon@bam.de

作者个人主页: Gerd Kley;Rudolf Brenneis;Burkart Adamczyk;Franz-Georg Simon

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