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**WZ003247** 美国 AK 钢铁公司投巨资扩大电炉钢产量 ——《Industrial Heating》, 2007, V. LX XIV, No.12, 31 (英)

为了适应北美钢铁市场对电炉钢需求量大增的情况下, 美国 AK 钢铁公司董事会决定投 18 亿美元巨资在俄亥俄州赞恩斯威勒特殊钢厂扩建电炉炼钢车间。新车间设备包括: 新型高阻抗电弧炉、新型钢包精炼炉、新型连铸机和电炉钢精加工设备。该项目将于 2009 年底投产。

[花 皓 摘]

**WZ003248** 热处理新型波音 787 飞机结构件的大型真空炉 ——《Industrial Heating》, 2007, V. LX XIV, No.2, 41 (英)

美国阳光空气公司最新开发出大型真空炉 (炉膛长度 7.2 m), 销售给美国波音公司, 作为波音公司的新型波音 787 飞机上的超长尺寸钛合金结构件的热处理设备, 这是为了满足将于 2008 年交付使用的新型波音 787 梦幻飞机的质量要求。阳光空气热处理公司和波音公司还共同研制出钛合金结构件的热处理新工艺。为了提高飞机载荷能力和可靠性, 波音公司将过去飞机上传统使用的铝合金结构件改为高性能的钛合金结构件。改造后, 飞机重量不但不增加, 其载荷能力却提高 60% 以上, 而且抗腐蚀性能好 (据长时间使用后测试为零腐蚀), 大大地提高了飞机可靠性。

[花 皓 摘]