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THE ANALYSIS ABOUT THE DEVELOPING APPROACHES OF TECHNOLOGIES OF SAFELY
RECYCLING AND REUSING LAUNCH VEHICLE CORE STAGES AND ROCKET BOOSTERS

Abstract

The core stages and boosters of launch vehicle in China fall freely without control after working, which produces enormous impulsive force, thus the impulsive force cause some hidden danger for property and people on the ground. It is of great urgency to solve the security problems of falling area of launch vehicle core stages and boosters. My thesis makes a comprehensive analysis for the latest research of technological improvement of recycling and reusing of core stages and rocket boosters in foreign countries. Moreover, this thesis also concerns about the developing approaches of technologies of safely recycling and reusing launch vehicle core stages and rocket boosters.