

Abstract

The invention relates to a brake assembly (1) for securing a conveyor device, in particular a crane system (100), comprising a first brake device (7) which acts on a first drive element (3), a second brake device (8) which acts on a second drive element (5), a transmission device (4), in particular a gearbox, acting between the first and second drive element, a load sensor (13, 13') which detects a load signal and passes same on to a controller (9), and the controller (9) is designed in such a way that, based on a load signal that exceeds an overload threshold, it initiates an emergency brake status and actuates the first and the second brake device (7, 8) in such a way that they act on the first and second drive element (3, 5) simultaneously within a first brake acting time, wherein one of the first and second brake devices is designed such that it acts on the first and/or the second drive element within a second brake acting time in a normal brake status, and the first brake acting time is shorter than the second brake acting time.

(Fig. 1)