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(54) **SEQUENTIAL PARKING BRAKE ASSEMBLY**

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(57) **ABSTRACT**

An assembly includes a brake system comprising a parking brake assembly including a first drive shaft and a second drive shaft. The assembly also includes two or more opposing brake pads, and a rotor extending between the two or more opposing brake pads. During use, the first drive shaft is moved so that a first portion of the brake pad is moved relative to the rotor, The second this shaft is moved so that a second portion of the brake pad is moved relative to the rotor. One of the first portion of the brake pad or the second portion of the brake pad is moved relative to the rotor before the other of the first portion of the brake pad or the second portion of the brake pad is moved relative to the rotor.

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