

ABSTRACT**Friction Set for Railway Braking System**

A friction set (16) for a railway disk brake system (12) for railway rolling stock (10) comprising:

- a shoe holder (3) comprising a receiving slideway (4);
- a friction shoe (22) comprising a brake pad (7) and a profiled shape (6) configured for being slid into the receiving slideway (4), where the friction shoe (22) comprises a pneumatic conduit (9) connecting a first space (E1) delimited by a first surface (71) of the friction shoe (22) to a second space (E2) delimited by a second opposite surface (72) of the friction shoe (22);
- at least one through hole (38) arranged in the shoe holder (3) and laid out so as to be facing the pneumatic conduit (9); and
- a pneumatic junction ring (8) laid out in the pneumatic conduit (9) forming a pneumatic guide between the through hole (38) of the shoe holder (3) and the pneumatic conduit (9) of the friction shoe (22).

Figure for the abstract: Figure 4