

ABSTRACT**Title of the invention: Welding wheel**

The subject of the present invention is a welding wheel (1) for welding metal plates (52, 54), the wheel (1) comprising a contact surface (2) which is inscribed within a disc (4) with a diameter
5 (D1) less than 100 mm and a cooling system (20) comprising a first cooling circuit (22) and a second cooling circuit (24).

Figure for the abstract: Figure 1