

ABSTRACT OF THE DISCLOSURE

There is disclosed a removable electrode for electrolytic dressing grinding in which the electrode is disposed opposite to a processing surface of a conductive grinding wheel via a gap, a conductive liquid is passed through between the electrode and the conductive grinding wheel to apply a voltage thereto, the grinding wheel is dressed by electrolysis and a workpiece is simultaneously ground, the electrode comprising: an electrode support member 12 having a surface 12a disposed opposite to the processing surface of the grinding wheel via a constant gap; a conductive foil 14 detachably attached to and along the opposite surface of the electrode support member; and a conductive terminal 16 for contacting the conductive foil to apply the voltage to the conductive foil. Even when a deposit is built up on a cathode surface, the cathode surface can be cleaned in a short time. Even after repeated use, an electrode shape does not change. Therefore, an ELID grinding apparatus can steadily be operated in an unmanned manner for a long time.

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