

Title (en)

Production apparatus for producing external can of dry element battery.

Title (de)

Vorrichtung zum Herstellen von einem Aussenbehälter eines trockenen Batterieelementes.

Title (fr)

Appareil pour la fabrication de la boîte externe d'un élément de batterie sec.

Publication

EP 0397919 A2 19901122 (EN)

Application

EP 89121861 A 19891127

Priority

JP 12247089 A 19890516

Abstract (en)

A production apparatus produces an external can of a dry element battery. The production apparatus comprises a notch forming mechanism (2) supplied with a plate shaped base material (7) which becomes the external can of the dry element battery for forming notches (7a, 7b, 7c) at predetermined positions of the base material, a forming mechanism (4) for forming the base material which is formed with the notches into a cylindrical shape with a joint portion located at a lower side, a turning mechanism (5) for turning the base material (7) which is formed to the cylindrical shape so that the joint portion faces up, a laser welding unit (6) for irradiating a laser beam from above the turned base material so as to join the joint portion by a laser welding and form the external can of the dry element battery, and a feeding mechanism (10, 15, 25, 40) for successively feeding the base material to the notch forming mechanism, the forming mechanism the turning mechanism and the laser welding unit.

IPC 1-7

B21D 51/26; B21D 51/36

IPC 8 full level

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CPC (source: EP)

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Cited by

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