

Title (en)
Wire winding apparatus

Title (de)
Gerät zum Aufwickeln von Draht

Title (fr)
Appareil pour l'enroulement de fil

Publication
EP 0669173 B1 19981021 (EN)

Application
EP 95101785 A 19950209

Priority
JP 1652594 A 19940210

Abstract (en)
[origin: EP0669173A1] A wire winding apparatus is disclosed which can continuously wound up a wire into a plurality of bundles readily and with certainty without interrupting operation of the apparatus and can achieve labour saving, improvement in productivity and improvement in quality at a reduced cost. The wire winding apparatus is so constructed as to wind a wire (7) having a rigidity into a plurality of coils each in the form of a bundle interposing a spacer each time a coil unit constituted from a predetermined amount of the wire is taken up. The wire winding apparatus includes a turntable (1) mounted for rotation around a vertical axis, a take-up frame (2) carried coaxially for integral rotation on the turntable (1) and having a winding portion (22) around which the wire delivered thereto is wrapped, and a spacer supply apparatus (3) provided coaxially above the turntable for supporting thereon a plurality of spacers (4) each in the form of a perforated plate in such a manner as to allow, each time a coil unit is taken up onto the take-up frame (2), a spacer (4) to drop therefrom so that the spacer may be loosely fitted onto the winding portion (22) of the take-up frame thereby to interpose the spacer between two adjacent coil units. <IMAGE>

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Cited by
CN107695130A; CN103480687A; CN103730928A

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