

Title (en)

APPARATUS FOR FORMING AUTOMATIVE WHEEL RIM BLANKS

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON AUTOFELGENROHLINGEN

Title (fr)

APPAREIL POUR FORMER DES ÉBAUCHES DE JANTES DE ROUES D'AUTOMOBILE

Publication

EP 3132866 B1 20180606 (EN)

Application

EP 15461554 A 20150819

Priority

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Abstract (en)

[origin: EP3132866A1] Apparatus for forming wheel rim blanks comprising: - a coiling station (A) for coiling blanks (20) of strip material into the form of a cylinder with the longitudinal edges (20b', 20c') of the coiled blank (20') defining a longitudinal gap, and - a flattening press (B) for flattening longitudinal edge portions (20b', 20c') on the coiled blank (20'), wherein the flattening press includes a gripper (50) for clamping the coiled blank (20'), said gripper comprising two pair of jaws (51, 52; 53, 54), each pair of jaws (51, 52; 53, 54) being adapted to engage opposite side edges (20b1, 20b2; 20c1, 20c2) of the coiled blank (20') near to a respective longitudinal edge portion (20b', 20c') of the coiled blank (20'), wherein each pair of jaws (51, 52; 53, 54) is carried by a respective movable clamp assembly (61, 63), wherein said gripper comprises a clamping drive for moving the jaws (51, 52; 53, 54) of the respective clamp assembly (61, 63) toward each other to clamp the respective longitudinal edge portion (20b', 20c') of the coiled blank (20'), and an aligning drive for moving the clamp assemblies (61, 63) in longitudinal direction to align the longitudinal edge portions (20b', 20c') of the coiled blank (20') to each other.

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