

Title (en)

Device for flanging cylindrical bodies by rolling

Title (de)

Vorrichtung zum Rollbördeln zylindrischer Körper

Title (fr)

Dispositif pour border par roulage des corps cylindriques

Publication

**EP 0623405 B1 19981223 (DE)**

Application

**EP 94106168 A 19940421**

Priority

DE 4315214 A 19930507

Abstract (en)

[origin: EP0623405A1] The invention relates to a device for flanging cylindrical bodies (14) by rolling, having a plurality of flanging rollers (10) which are rotatably mounted in a holder (22), roll on the cylindrical shell to be formed of the body (14) and form the flange geometry by virtue of their shape. In order to avoid penetration of burr or material of the body (14) between a boundary ring and the flanging rollers (10) and to ensure that the flanging diameter is uniform, the proposal is to provide at least one boundary element (17), which projects inwards beyond the cylindrical envelope surface (25) around the longitudinal axis (23) of the device, said envelope surface (25) being formed by those parts (15) of the flanging rollers (10) which shape the flange geometry. <IMAGE>

IPC 1-7

**B21D 19/04**; **B21D 51/26**

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN104433773A; US5813267A

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**EP 0623405 A1 19941109**; **EP 0623405 B1 19981223**; CN 1056105 C 20000906; CN 1100012 A 19950315; DE 4315214 A1 19941110; DE 59407511 D1 19990204; ES 2125366 T3 19990301; TW 276198 B 19960521; US 5477720 A 19951226

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**EP 94106168 A 19940421**; CN 94104889 A 19940505; DE 4315214 A 19930507; DE 59407511 T 19940421; ES 94106168 T 19940421; TW 83105468 A 19940616; US 23832394 A 19940505