

Title (en)
Device for grooving tubes.

Title (de)
Vorrichtung zum Nuten von Rohren.

Title (fr)
Dispositifs de rainurage de tubes.

Publication
EP 0634234 A1 19950118 (FR)

Application
EP 94420202 A 19940712

Priority
FR 9308985 A 19930716

Abstract (en)
The device (1) comprises a holding die (4) intended to hold, in position inside the said tube (2), a floating mandrel (5) equipped with a grooved mandrel (6), a grooving unit (7) comprising a rotating cage (8) enclosing balls (9), so as to form a grooved tube (2R), and a finishing die (10), and the device is characterised in that: a) the said cage (8) consists of a bearing part (11), the internal profile (26) of which, in axial cross-section, comprises a circular arc (13), and of a flange (12) for closing the said cage; b) lubrication means. <IMAGE>

Abstract (fr)
Le dispositif (1) comprend une filière de maintien (4) destinée à maintenir en position à l'intérieur dudit tube (2) un mandrin flottant (5) muni d'un mandrin rainuré (6), un bloc de rainurage (7) comprenant une cage rotative (8) ceinturant des billes (9) de manière à former un tube rainuré (2R), et une filière de finition (10), et est caractérisé en ce que, a) ladite cage (8) est constituée d'une partie d'appui (11), dont le profil intérieur (26), en section axiale, comprend un arc de cercle (13), et d'un flasque de fermeture (12) de ladite cage, b) des moyens de lubrification. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)

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