

Title (en)
FORMING HELICAL GROOVES IN TUBES

Publication
EP 0099737 A3 19850522 (EN)

Application
EP 83304117 A 19830715

Priority
AU 488382 A 19820715

Abstract (en)
[origin: EP0099737A2] A method and apparatus for forming helical grooves (6) in the outer surface of stainless steel tubes (2). The technique utilizes a forming roller (16), which forms the groove and a shoe (22) follows in the groove which has just been formed a short distance behind the roller so as to eliminate buckling of the tube.

IPC 1-7
B21D 15/04

IPC 8 full level
B21D 15/04 (2006.01)

CPC (source: EP)
B21D 15/04 (2013.01)

Citation (search report)
• [A] GB 896163 A 19620509 - ASS ELECT IND
• [A] US 3928997 A 19751230 - LAWS HAROLD H
• [A] THE OFFICIAL GAZETTE OF THE UNITED STATES PATENT OFFICE, Vol. 52, No. 12, 16 September 1890, page 1713, Washington (US). & US-A-436 463 (RICHARD)

Cited by
DE10126399A1; EP0274719A3; CN100384582C; EP1407939A1; US9669499B2

Designated contracting state (EPC)
DE FR GB IT SE

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EP 0099737 A2 19840201; EP 0099737 A3 19850522; AU 1690083 A 19840119

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