

Title (en)
Machine for forming a tubular profile.

Title (de)
Maschine für die Herstellung eines Rohrprofils.

Title (fr)
Machine pour le formage de profilé tubulaire.

Publication
EP 0038277 A1 19811021 (FR)

Application
EP 81440012 A 19810316

Priority
FR 8008667 A 19800415

Abstract (en)
[origin: ES8102957A1] In a machine for forming a continuous tube which is then cut up into sections, for example to make containers, a plurality of bands of fibrous, cellulosic, metallic, plastic or other material are drawn from supply reels and pass through a gluing and labelling section where adhesive is applied to one side of the bands and labels are applied to the outer face of the center band. After application of the adhesive and labels, the bands, while continuing to move forwardly, are assembled in superposed relation with the bands laterally displaced relative to one another so that the edges of the assembly of bands are stepped. The bands are pressed together in a narrow central width only so as to bond central portions together while leaving side portions unbonded. The band assembly is then progressively formed into tubular profile, thereby bringing opposite side edges together, and subjected to pressure to bond the bands together throughout their width, bond side edges together and impart the finished shape, which may be circular or polygonal. The tubular profile thus formed is cut into sections while it continues to move forwardly and the sections are discharged from the machine.

Abstract (fr)
Machine pour le formage en continu de profilé tubulaire constitué de plusieurs bandes collées ensemble, ces bandes étant en matériaux fibreux, cellulosiques, métalliques, plastiques et autres, caractérisée en ce qu'elle comporte un poste d'encollage (68) pourvu d'un ensemble d'étiquetage suivi d'une presse (109), assurant le collage partiel des différentes bandes (42, 48, 52, 56) sur une faible largeur alors que les extrémités situées de part et d'autre de ce collage partiel restent indépendantes les unes des autres; un dispositif de formage (108) coopérant avec un mécanisme (159) d'entraînement et de pincement pour continuer et élargir la zone de collage, un train de diabolos de pression (267) permettant la finition du profilé tubulaire et, le collage bout-à-bout des chants latéraux (117, 118, 119, 120) des bandes (42, 48, 52, 56) et un dispositif de coupe (366) à coupes multiples périphériques complété par un dispositif d'évacuation (494) des tronçons du profilé tubulaire sectionnés par les éléments de coupe (475) dudit dispositif de coupe (366).

IPC 1-7
B31C 5/00

IPC 8 full level
B29C 67/00 (2006.01); **B21C 37/14** (2006.01); **B29C 51/00** (2006.01); **B29C 53/00** (2006.01); **B29C 53/48** (2006.01); **B29C 53/80** (2006.01); **B29C 63/00** (2006.01); **B29C 63/06** (2006.01); **B29C 65/00** (2006.01); **B29C 69/00** (2006.01); **B29D 1/00** (2006.01); **B29D 23/00** (2006.01); **B29D 24/00** (2006.01); **B31C 5/00** (2006.01); **B32B 1/08** (2006.01)

CPC (source: EP US)
B31C 5/00 (2013.01 - EP US)

Citation (search report)
• [D] US 2256263 A 19410916 - JOHN HAYCOCK
• [A] US 3136231 A 19640609 - HOYT EDWIN R

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Designated contracting state (EPC)
AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)
EP 0038277 A1 19811021; EP 0038277 B1 19831228; AT E5702 T1 19840115; DE 3161741 D1 19840202; ES 492280 A0 19810216; ES 8102957 A1 19810216; FR 2480179 A1 19811016; FR 2480179 B1 19821126; JP S5739930 A 19820305; JP S5761582 B2 19821224; US 4474564 A 19841002

DOCDB simple family (application)
EP 81440012 A 19810316; AT 81440012 T 19810316; DE 3161741 T 19810316; ES 492280 A 19800610; FR 8008667 A 19800415; JP 16149380 A 19801118; US 25382381 A 19810413