

Title (en)

Spacer tube for insulating glazing provided with a coloured covering, its fabrication method and apparatus.

Title (de)

Farbig beschichtetes Abstandhalterrohr für Isolierverglasungen sowie Verfahren und Vorrichtung zu seiner Herstellung.

Title (fr)

Profilé creux écarteur pour vitrage isolant pourvu d'un recouvrement coloré et son procédé et dispositif de fabrication.

Publication

**EP 0454988 B1 19950531 (DE)**

Application

**EP 91104491 A 19910322**

Priority

DE 4014376 A 19900504

Abstract (en)

[origin: EP0454988A1] The invention relates to a spacer tube (3) made of metal, in particular aluminium, for frame or glazing bars of an insulating glazing as spacers or desiccant containers between two continuous glass panes, a coloured strip (2) being printed on the inner wall (5) of the spacer tube (3) which is visible in the insulating glazing, and gas-exchange openings (8) preferably subsequently being incorporated in the inner wall (5). The invention also relates to a method for producing a spacer tube (3), in which a variety of coloured strips (2) are printed, preferably simultaneously, next to one another onto the surface of a metal band (1) using a rotary printing apparatus (17), the colouring material is dried and the metal band is divided longitudinally between the coloured strips and the resulting metal strips are profiled into spacer tubes (3) and cut to length. <IMAGE>

IPC 1-7

**E06B 3/66**

IPC 8 full level

**B41F 17/10** (2006.01); **B05C 1/08** (2006.01); **B05C 3/12** (2006.01); **B41F 17/00** (2006.01); **B41F 19/08** (2006.01); **C03C 27/12** (2006.01); **E06B 3/66** (2006.01); **E06B 3/663** (2006.01); **E06B 3/673** (2006.01); **E06B 3/68** (2006.01)

CPC (source: EP US)

**E06B 3/66314** (2013.01 - EP US); **E06B 3/67321** (2013.01 - EP US); **E06B 2003/6638** (2013.01 - EP US); **Y10S 118/11** (2013.01 - EP US); **Y10T 29/49627** (2015.01 - EP US); **Y10T 29/49982** (2015.01 - EP US); **Y10T 428/1355** (2015.01 - EP US)

Cited by

EP4317646A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0454988 A1 19911106**; **EP 0454988 B1 19950531**; AT E123326 T1 19950615; CA 2038671 C 19950418; CS 126191 A3 19911217; CZ 289314 B6 20020116; DE 4014376 A1 19911107; DE 4014376 C2 19941110; DE 59105610 D1 19950706; DK 0454988 T3 19951030; ES 2072470 T3 19950716; FI 912139 A0 19910503; FI 912139 A 19911105; FI 96353 B 19960229; FI 96353 C 19960610; HU 212859 B 19961230; HU 910952 D0 19911028; HU T57362 A 19911128; JP H07101038 A 19950418; NO 179529 B 19960715; NO 179529 C 19961023; NO 911104 D0 19910320; NO 911104 L 19911105; PL 165732 B1 19950228; RU 2019308 C1 19940915; SK 279893 B6 19990507; US 5331738 A 19940726

DOCDB simple family (application)

**EP 91104491 A 19910322**; AT 91104491 T 19910322; CA 2038671 A 19910320; CS 126191 A 19910502; DE 4014376 A 19900504; DE 59105610 T 19910322; DK 91104491 T 19910322; ES 91104491 T 19910322; FI 912139 A 19910503; HU 95291 A 19910321; JP 13023991 A 19910507; NO 911104 A 19910320; PL 28959091 A 19910326; SK 126191 A 19910502; SU 4895168 A 19910424; US 52749090 A 19900523