

Title (en)
METHOD OF PRODUCING TRIMETALLIC CONTACT RIVETS

Publication
EP 0062248 B2 19890118 (DE)

Application
EP 82102496 A 19820325

Priority
DE 3112452 A 19810328

Abstract (en)
[origin: ES8301704A1] There is described an improved process for the production of tri-metallic contact rivets, in the course of which a cylindrical slug is formed with increased diameter under constant plastic deformation (upsetting) from three wire segments, and on this slug a head is then formed on one end by transformation.

IPC 1-7
H01H 11/04

IPC 8 full level
B21K 1/62 (2006.01); **H01H 11/04** (2006.01)

CPC (source: EP US)
B21K 1/62 (2013.01 - EP US); **H01H 11/042** (2013.01 - EP US)

Cited by
US4744502A; DE4126220A1; EP2725598A4

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0062248 A1 19821013; EP 0062248 B1 19850130; EP 0062248 B2 19890118; DE 3112452 A1 19830428; DE 3112452 C2 19850425; DE 3262098 D1 19850314; ES 510766 A0 19830201; ES 8301704 A1 19830201; US 4744502 A 19880517; YU 67682 A 19870630

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EP 82102496 A 19820325; DE 3112452 A 19810328; DE 3262098 T 19820325; ES 510766 A 19820324; US 36206382 A 19820326; YU 67682 A 19820326