

Title (en)  
DEVICE FOR FEEDING LENGTHS OF LONGITUDINAL ELEMENTS TO A GRID-WELDING MACHINE

Publication  
**EP 0297201 B1 19910626 (DE)**

Application  
**EP 87890152 A 19870703**

Priority  
EP 87890152 A 19870703

Abstract (en)  
[origin: US4848560A] An apparatus for supplying cut-to-length longitudinal elements to the intake of a grid welding machine includes a revolving endless transverse conveyor 3 which receives the longitudinal elements 16 into open receptacles 9 and conveys them over the upper side, a turning location and a part of the lower side of the transverse conveyor 3 into the intake area of the welding machine, in which the receptacles 9 for the longitudinal elements 16 are arranged on the periphery of the transverse conveyor 3 in groups forming magazines 8a, 8b and 8c. The mutual distance A between these magazines being at least equal to the width B of the same. The longitudinal elements 16 from a magazine 8c arriving at the intake area of the welding machine, with the transverse conveyor 3 being briefly stopped, are released by a lowerable depositing device 4 previously holding the longitudinal elements in the relevant magazine, while the transverse conveyor 3 is again made to revolve so that an emptied magazine 8a can be filled with longitudinal elements and a magazine 8b already filled can pass into the intake area of the welding machine.

IPC 1-7  
**B21F 23/00; B21F 27/10**

IPC 8 full level  
**B21F 23/00** (2006.01); **B21F 27/10** (2006.01)

CPC (source: EP US)  
**B21F 23/005** (2013.01 - EP US); **B21F 27/10** (2013.01 - EP US)

Cited by  
US5182932A; AT404910B; ES2338516A1; WO2010052353A1

Designated contracting state (EPC)  
AT BE CH DE GB IT LI

DOCDB simple family (publication)  
**EP 0297201 A1 19890104; EP 0297201 B1 19910626**; AT E64702 T1 19910715; DE 3771074 D1 19910801; US 4848560 A 19890718

DOCDB simple family (application)  
**EP 87890152 A 19870703**; AT 87890152 T 19870703; DE 3771074 T 19870703; US 7101687 A 19870708