

Title (en)

SYSTEM AND METHOD FOR FEEDING ELECTRIC WELDING MACHINES WITH LONGITUDINAL WIRES FOR PRODUCING MESH

Title (de)

SYSTEM UND VERFAHREN FÜR DIE ZUFUHR VON LÄNGSDRÄHTEN ZU ELEKTROSCHWEISSMASCHINEN FÜR DIE HERSTELLUNG VON GITTERN

Title (fr)

SYSTÈME ET PROCÉDÉ POUR ALIMENTER DES MACHINES DE SOUDAGE ÉLECTRIQUE AVEC DES FILS LONGITUDINAUX POUR PRODUIRE DES TREILLIS

Publication

**EP 2456580 A1 20120530 (EN)**

Application

**EP 10742282 A 20100716**

Priority

- GR 20090100411 A 20090722
- IB 2010053249 W 20100716

Abstract (en)

[origin: WO2011010256A1] A system and method for supplying electric welding machines producing meshes (5), wherein the longitudinal wires (1) come from material wound on at least one spool (4) that is unwound with assistance of a reel (15). The longitudinal wires are fed (29), subjected to advancement (20) and straightening (17), followed by a measurement of length (7) and cutting (4) to desired length. Thus, the wires (1) are supplied to positions of sheaths 19 on an appropriate supplier arrangement (2) for longitudinal wires (1), which positions (19) correspond to locations of the longitudinal wires (1) in the mesh (5) to be produced; furthermore the longitudinal wires (1) are transferred from the supplier arrangement (2) and introduced into a suitable welding line (6) where production of mesh (5) is effected. During the production of mesh (5) the supplier (2) for longitudinal wires (1) may return to its filling position to be supplied anew with longitudinal wires (1) for the next-to-be-produced mesh (5).

IPC 8 full level

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CPC (source: EP GR US)

**B21C 47/34** (2013.01 - GR); **B21F 23/002** (2013.01 - GR); **B21F 23/005** (2013.01 - EP US); **B21F 27/00** (2013.01 - GR); **B21F 27/10** (2013.01 - EP US); **B21F 27/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2011010256A1

Citation (third parties)

Third party :

- DE 2051354 A1 19720427 - LICHTGITTER GMBH
- DE 2142321 A1 19730301 - STAPELMANN & CO

Designated contracting state (EPC)

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