

Title (en)
ROLLER CRIMPING SYSTEM

Title (de)
ROLLENFALZSYSTEM

Title (fr)
SYSTÈME DE SERTISSAGE À ROULEAU

Publication
EP 1980340 A1 20081015 (EN)

Application
EP 07704767 A 20070110

Priority
• ES 2007070005 W 20070110
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Abstract (en)
Crimping system that comprises a cradle support (4) upon which metal plates (30, 31) are disposed, said metal plates (30,31) being joined together by means of the folding over of a flange (30') comprised on the first metal plate (30). Said system also comprises rollers (21, 22) that are moved in a direction of folding (A) in order to fold said flange (30') over by means of a crimping device. Said device comprises a single robot arm (1) that has a crimping tool (2) on one of its ends, said crimping tool (2) comprising the rollers (21, 22) and a platform (7). Said rollers (21, 22) may be moved, in an independent way, linearly in respect of said platform (7) in a direction of movement (B) perpendicular to the direction of folding (A) by means of a first actuator (8) and a second actuator (9) respectively.

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