

Title (en)
Machine to assemble reinforcement stands for foundation piles

Title (de)
Maschine zur Montage von Bewehrungen für Gründungspfähle

Title (fr)
Machine d'assemblage d'armatures pour pieux de fondation

Publication
EP 0841110 A2 19980513 (EN)

Application
EP 97203140 A 19971009

Priority
IT UD960190 A 19961009

Abstract (en)
Semi-automatic machine to assemble reinforcement stands (11) for foundation piles in reinforced concrete, the reinforcement stands (11) being composed of a plurality of longitudinal bars (13) associated with the outer periphery of mating brackets (43), the longitudinal bars (13) and the brackets (43) then being bound by a spiral (44) of metallic wire (35), comprising a bench to store the longitudinal bars (13), cooperating, by means of guide elements (12a), with a first station (14) to position and weld the longitudinal bars (13)/brackets (43), the first station (14) comprising a concave positioning bed (23) defined by a rotary system (21, 22) comprising means (24) to hold the individual longitudinal bars (13) laterally, the first station (14) cooperating with a second station (15) for spiralling the wire comprising a housing bed (29) for the partly assembled reinforcement stand (111), the housing bed (29) being defined by a rotary positioning system (27, 28), the second station (15) also comprising a spiralling device (33) which is longitudinally movable in cooperation with a mating reel (34) of metallic wire (35). <IMAGE>

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B21F 27/20

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Cited by
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EP 0841110 A2 19980513; EP 0841110 A3 19990512; EP 0841110 B1 20020306; AT E213977 T1 20020315; DE 69710843 D1 20020411; DE 69710843 T2 20020919; DK 0841110 T3 20020521; ES 2170330 T3 20020801; IT 1288997 B1 19980925; IT UD960190 A0 19961009; IT UD960190 A1 19980409; PT 841110 E 20020830; TW 321618 B 19971201

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