

Title (en)
SWING GIRDER AND SCAFFOLD SYSTEM WITH SUCH SWING GIRDER AND A METHOD OF ERECTING THE SCAFFOLD SYSTEM

Title (de)
SCHWENKBARER TRÄGER UND GERÜSTSYSTEM MIT EINEM SOLCHEN SCHWENKBAREN TRÄGER UND VERFAHREN ZUM ERRICHTEN EINES SOLCHEN GERÜSTSYSTEMS

Title (fr)
POUTRE PIVOTANTE ET SYSTÈME D'ÉCHAFAUDAGE AVEC UNE TELLE POUTRE PIVOTANTE ET PROCÉDÉ DE MONTAGE DU SYSTÈME D'ÉCHAFAUDAGE

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Application
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Abstract (en)
A swing girder (10) for use in a scaffold system of the ring scaffold type including standards (12, 112) having, arranged at regular distances, ring-shaped rosettes (14) with coupling recesses (18), the swing girder including a top-girder (20), a bottom-girder (22) and a number of connecting tubes (24) which interconnect the top-girder(20) and the bottom-girder (22) with each other. Further, the swing girder is provided with two fixed rosette couplings (26, 34) at a first end and with a swing connector assembly (38) comprising two pivotable rosette couplings (40, 48) connected with a second end of the swing girder in a manner pivotable around a pivoting axis (S). A lower of the two pivotable rosette couplings is a pivotable girder-support coupling (48) which includes a support plate (50) with positioning pin (52). The positioning pin is receivable in a coupling recess of the rosette which supports the support plate. Further, a scaffold system and a method of erecting such a scaffold system are described.

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Citation (search report)
• [AD] WO 2013066859 A1 20130510 - SAFERITE PLATFORMS INC [US], et al
• [A] CA 2740549 A1 20121117 - ATHOS CONSTRUCTION PRODUCTS INC [CA]
• [A] KR 20100037242 A 20100409 - KIM YEONG SIM [KR]
• [A] US 2005217936 A1 20051006 - JOLICOEUR PAUL [US], et al

Cited by
EP3974598A1; CN110805265A; FR3095664A1; WO2023031008A1

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