

Title (en)

SET OF ELEMENTS AND PARTS FOR THE ASSEMBLY, EXTENSION AND RAPID MODULAR CONVERSION OF VESSELS, RAFTS, FLOATING GANGWAYS AND BRIDGES AND TEMPORARY FLOATING STRUCTURES WITH MULTIPLE FLOATS, IN PARTICULAR FOR AQUATIC EMERGENCIES

Title (de)

BAUSATZ UND BAUTEILE FÜR DIE ZUSAMMENSETZUNG, ERWEITERUNG UND SCHNELLE MODULARE UMWANDLUNG VON SCHIFFEN, FLÖSSEN, SCHWIMMENDEN DURCHGÄNGEN UND BRÜCKEN SOWIE TEMPORÄREN SCHWIMMENDEN STRUKTUREN MIT MEHREREN SCHWIMMERN, INSBESONDERE FÜR NOTFÄLLE IN GEWÄSSERN

Title (fr)

ENSEMBLE D'ÉLÉMENTS ET DE PIÈCES POUR LE MONTAGE, L'AGRANDISSEMENT ET LA RECONVERSION MODULAIRE RAPIDE ET RÉVERSIBLE D'EMBARCATIONS, DE RADEAUX, DE PASSERELLES, DE PONTS FLOTTANTS ET DE STRUCTURES FLOTTANTES PROVISOIRES COMPRENANT PLUSIEURS FLOTTEURS, PARTICULIÈREMENT POUR DES URGENCES DANS UN ENVIRONNEMENT AQUATIQUE

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Application

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Priority

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- ES 201001195 A 20100911

Abstract (en)

Set of parts for modular assembly of watercrafts and floating structures, characterized in that it has a detachable reinforced main frame whose final size is adjustable and expandable by modules, thus it allows assemble watercrafts and floating structures whose size, platform surface, buoyancy and cargo capacity are adjustable to convenience. Said mainframe is composed of three main types of structural elements (crossbars, floats and U-shaped longitudinal bars), that are interlanced mutually in a triple stiffening by three types of fixing screws, each one joining two of said main structural elements, in a way that these elements are strengthened by twin small transverse bars which are introduced inside the tubular openings of These U-shaped longitudinal bars joining mutually two of them in a coupled pair, and with longitudinal hinges arranged over said U-shaped longitudinal bars, which allow obtain floating structures simultaneously detachable and foldable.

IPC 8 full level

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CPC (source: EP)

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Cited by

RU2716629C1; CN106240759A; CN108791736A; CN114047725A; CN107107990A; RU2683048C2; US9776686B2; WO2016020814A1; WO2020117084A1; US9849936B2; WO2022214116A1

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