

Title (en)
FLUID TRANSFER SYSTEM

Title (de)
FLÜSSIGKEITSÜBERTRAGUNGSVORRICHTUNG

Title (fr)
SYSTEME DE TRANSFERT DE FLUIDES

Publication
EP 0621841 B1 19960515 (EN)

Application
EP 93903335 A 19930107

Priority
• NO 920250 A 19920120
• NO 9300004 W 19930107

Abstract (en)
[origin: WO9313976A1] A fluid transfer system comprising a fluid conducting flexible pipe (4) having a first (9) and a second connector end, which pipe during use extends over an area of water, preferably totally or partially submerged in the water, between a first (8) and a second (7) hook-up point and, when not in use, is stored (5) near the first hook-up point (8), a ramp (11) curved downward in the vertical plane for supporting the flexible pipe (4) during the transfer thereof from storage position to position for use, and vice versa, and a means (13) for feeding out/hauling in the flexible pipe (4) via said curved ramp (11), the lower end of which is situated at a distance from the adjacent first hook-up point (8). The ramp (11) is movably mounted (12) for movement from a position for feeding out/hauling in the pipe to a position closer and so oriented relative to the adjacent connection point (8) that said first connector end (9) may be brought into at least approximately aligned coupling position vis-à-vis the adjacent first hook-up point (8).

IPC 1-7
B63B 27/30

IPC 8 full level
B63B 27/24 (2006.01); **B63B 27/30** (2006.01); **B63B 27/34** (2006.01); **B67D 9/02** (2010.01)

CPC (source: EP)
B63B 27/24 (2013.01); **B67D 9/02** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9313976 A1 19930722; AT E138024 T1 19960615; AU 3463593 A 19930803; AU 663161 B2 19950928; DE 69302675 D1 19960620; DE 69302675 T2 19961107; DK 0621841 T3 19960603; EP 0621841 A1 19941102; EP 0621841 B1 19960515; ES 2087716 T3 19960716; FI 943416 A0 19940719; FI 943416 A 19940822; GR 3020367 T3 19960930; NO 174380 B 19940117; NO 174380 C 19940427; NO 920250 D0 19920120; NO 920250 L 19930721

DOCDB simple family (application)
NO 9300004 W 19930107; AT 93903335 T 19930107; AU 3463593 A 19930107; DE 69302675 T 19930107; DK 93903335 T 19930107; EP 93903335 A 19930107; ES 93903335 T 19930107; FI 943416 A 19940719; GR 960401736 T 19960627; NO 920250 A 19920120