

Title (en)
PUSHING UNIT

Title (de)
SCHUBVERBAND

Title (fr)
CONVOI POUSSE

Publication
EP 0745044 A1 19961204 (DE)

Application
EP 95910395 A 19950215

Priority
• DE 9500187 W 19950215
• DE 4405177 A 19940218

Abstract (en)
[origin: DE4405177A1] A pushing unit with a pusher craft (1) and a lighter (2) pushed and controlled by the pusher craft is designed for use in shallow waters with the optimum cargo-carrying capacity in that the pusher craft (1) is propelled by a paddle-wheel (3) fitted at the stern.

IPC 1-7
B63H 5/02; **B63B 35/70**; **B63B 35/28**

IPC 8 full level
B63B 3/44 (2006.01); **B63B 15/00** (2006.01); **B63B 35/28** (2006.01); **B63B 35/34** (2006.01); **B63B 35/40** (2006.01); **B63B 35/70** (2006.01); **B63B 39/06** (2006.01); **B63H 5/02** (2006.01)

CPC (source: EP KR US)
B63B 35/28 (2013.01 - EP US); **B63B 35/34** (2013.01 - EP US); **B63B 35/70** (2013.01 - EP US); **B63H 1/04** (2013.01 - KR); **B63H 5/02** (2013.01 - EP US)

Citation (search report)
See references of WO 9522485A2

Cited by
DE102004016870A1; DE10212737B4

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
DE 4405177 A1 19950824; AU 1753495 A 19950904; CA 2183444 A1 19950824; CN 1046912 C 19991201; CN 1144512 A 19970305; CZ 242996 A3 19970212; CZ 287253 B6 20001011; DE 59500648 D1 19971016; EE 9600106 A 19970217; EP 0745044 A1 19961204; EP 0745044 B1 19970910; JP H09511196 A 19971111; KR 970701141 A 19970317; LT 4157 B 19970526; LT 96121 A 19970225; LV 11826 A 19970820; LV 11826 B 19971220; PL 177223 B1 19991029; PL 316074 A1 19961223; RU 2141428 C1 19991120; US 5850801 A 19981222; WO 9522485 A2 19950824; WO 9522485 A3 19950914

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