

Title (en)  
LIFTING TACKLES

Publication  
**EP 0082046 B1 19851106 (FR)**

Application  
**EP 82402198 A 19821202**

Priority  
FR 8123262 A 19811214

Abstract (en)  
[origin: EP0082046A1] 1. A tackle comprising pulley-block means (9) having an upper block (6) carried by a frame (10) and a lower block (27) carrying a hoisting hook (15) or like member and suspended from below the upper block (6) through at least one flat flexible line (5) passing around return pulleys (4) which are carried by the two blocks (6, 27) and at least one end (23) of which is attached to the drum (21) of a drum-pulley (2) driven by a rotary driving member (1), characterized in that the upper block (6) is mounted on the frame (10) in such manner as to be freely pivotable about a horizontal axis (X-X) substantially tangent to upper parts of grooves of two successive return pulleys (4), namely that pulley (4b) carried by the upper block (6) which the flat flexible line reaches first in travelling away from the drum-pulley (2) and that pulley (4) which succeeds the last-mentioned pulley in a direction toward the drum-pulley (2).

IPC 1-7  
**B66D 3/20**

IPC 8 full level  
**B66D 3/20** (2006.01)

CPC (source: EP)  
**B66D 3/20** (2013.01)

Cited by  
EP1491487A1; FR2625186A1; EP0931757A1; FR2773792A1; US6109596A; EP0822159A1; US6003843A; US6142448A; SG94312A1; CN1102910C; US7168686B2; US6752283B2; WO0146060A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0082046 A1 19830622; EP 0082046 B1 19851106**; AT E16378 T1 19851115; DE 3267324 D1 19851212; ES 518121 A0 19830901; ES 8308283 A1 19830901; FR 2518076 A1 19830617; FR 2518076 B1 19860314

DOCDB simple family (application)  
**EP 82402198 A 19821202**; AT 82402198 T 19821202; DE 3267324 T 19821202; ES 518121 A 19821211; FR 8123262 A 19811214