

Title (en)
Spreader

Title (de)
Greifrahmen

Title (fr)
Palonnier de manutention d'une charge

Publication
EP 1630121 A3 20070221 (FR)

Application
EP 05076773 A 20050729

Priority
FR 0408381 A 20040729

Abstract (en)
[origin: FR2873670A1] The spreader has a chassis (14) which is suspended at handling equipment. A lower side (17) of the chassis is disposed flatly on an upper side (13) of a load (1). The chassis carries two hooks (32) for evolving, under the action of controlled jacks (35), between a gripping position under two upper crosspieces (8) of the load and a shifted position with respect to the crosspieces.

IPC 8 full level
B66C 1/28 (2006.01)

CPC (source: EP)
B66C 1/107 (2013.01); **B66C 1/28** (2013.01)

Citation (search report)
• [A] DE 29807282 U1 19990527 - ZECH FRANZ [DE]
• [A] DE 4427891 C1 19951012 - OPTIMAS MASCHINENFABRIK H KLEI [DE]
• [A] FR 1287442 A 19620316 - FENWICK MANUTENTION STE INDLE

Cited by
CN106986260A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
FR 2873670 A1 20060203; FR 2873670 B1 20080125; AT E480491 T1 20100915; DE 602005023393 D1 20101021; EP 1630121 A2 20060301; EP 1630121 A3 20070221; EP 1630121 B1 20100908; PL 1630121 T3 20110331

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FR 0408381 A 20040729; AT 05076773 T 20050729; DE 602005023393 T 20050729; EP 05076773 A 20050729; PL 05076773 T 20050729