

Title (en)
SAFETY SUPPORT

Title (de)
SICHERHEITSSTEIGBÜGEL

Title (fr)
ETRIER DE SECURITE

Publication
EP 1003688 A1 20000531 (DE)

Application
EP 98932033 A 19980429

Priority
• DE 9801192 W 19980429
• DE 19735211 A 19970814

Abstract (en)
[origin: US6330781B1] A safety support comprising a plate with ribs and a U-shaped upper part with two lateral branches and an upper base zone. The two lateral branches each comprise an articulation zone including pivoting axles extending parallel to the plane defined by the upper part and two superposed connecting zones, which are mutually linked by an assembly part, each having a bore for its respective pivoting axle. Moreover, each articulation zone comprises at least three pivoting axles, the connecting zones have each an arc-shaped part, defined by two flattened zones extending parallel to the plane, and the two neighbouring articulation pins are each mutually linked by two assembly parts.

IPC 1-7
B68C 3/02

IPC 8 full level
B68C 3/02 (2006.01)

CPC (source: EP US)
B68C 3/025 (2013.01 - EP US)

Citation (search report)
See references of WO 9908957A1

Cited by
WO2007107440A1; WO2007107436A1; WO2007107454A1

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

DOCDB simple family (publication)
US 6330781 B1 20011218; AT E211715 T1 20020115; AU 731379 B2 20010329; AU 8208798 A 19990308; CA 2300089 A1 19990225; CA 2300089 C 20041207; DE 19735211 A1 19990218; DE 59802850 D1 20020228; DK 1003688 T3 20020429; EP 1003688 A1 20000531; EP 1003688 B1 20020109; ES 2172901 T3 20021001; JP 2001514951 A 20010918; WO 9908957 A1 19990225

DOCDB simple family (application)
US 48564400 A 20000211; AT 98932033 T 19980429; AU 8208798 A 19980429; CA 2300089 A 19980429; DE 19735211 A 19970814; DE 59802850 T 19980429; DE 9801192 W 19980429; DK 98932033 T 19980429; EP 98932033 A 19980429; ES 98932033 T 19980429; JP 2000509654 A 19980429