

Title (en)

Clamping device for adjusting the displacement between two tubes

Title (de)

Klemmvorrichtung zum Einstellen der Verschiebung zwischen zwei Rohren

Title (fr)

Organe de solidarisation pour régler le coulisement entre deux tubes

Publication

EP 1338753 B1 20060628 (FR)

Application

EP 03291250 A 19981211

Priority

- EP 98403134 A 19981211
- FR 9715793 A 19971212

Abstract (en)

[origin: EP0922833A1] The safety support, e.g. for an adjustable ladder, consists of two poles (4, 5) with connectors (10) on their upper ends for engaging with one of the ladder rungs, and lower ends resting on the ground on opposite sides of the ladder and at some distance from it. The point where the upper ends of the two poles cross is fitted with a sliding coupling (13) with rollers and flanges to hold one pole and lugs to receive the other. The coupling also has an articulated base with a hole for a threaded rod used to fix the coupling in position. The poles are of adjustable length, having telescopic lower ends which are fixed by pegs through aligned holes.

IPC 8 full level

E06C 1/22 (2006.01); **E06C 7/42** (2006.01); **E06C 7/44** (2006.01)

CPC (source: EP)

E06C 1/22 (2013.01); **E06C 7/423** (2013.01); **E06C 7/44** (2013.01)

Cited by

US11698092B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0922833 A1 19990616; EP 0922833 B1 20040303; DE 69822094 D1 20040408; DE 69822094 T2 20050331; DE 69835108 D1 20060810; DE 69835108 T2 20070201; EP 1338753 A1 20030827; EP 1338753 B1 20060628; ES 2217520 T3 20041101; ES 2268295 T3 20070316; FR 2772422 A1 19990618; FR 2772422 B1 20000211

DOCDB simple family (application)

EP 98403134 A 19981211; DE 69822094 T 19981211; DE 69835108 T 19981211; EP 03291250 A 19981211; ES 03291250 T 19981211; ES 98403134 T 19981211; FR 9715793 A 19971212