

Title (en)
FLOOR CLEANING APPLIANCE.

Title (de)
BODENREINIGUNGSGERÄT.

Title (fr)
APPAREIL DE NETTOYAGE POUR PLANCHERS.

Publication
EP 0647116 A1 19950412 (DE)

Application
EP 93909861 A 19930429

Priority
EP 9301039 W 19930429

Abstract (en)
[origin: WO9424923A1] A floor cleaning appliance or the like has a handle attached by a cardan or half-cardan joint to the actual cleaning, scrubbing, wiping or other arrangement. A liftable hoop (10) articulated to the cleaning device (R) engages a projection (St), a screw or a pin on the handle or snaps into a horizontal groove of the handle.

IPC 1-7
A47L 13/24; B25G 3/38

IPC 8 full level
A47L 13/24 (2006.01); **B25G 3/38** (2006.01)

CPC (source: EP US)
A47L 13/24 (2013.01 - EP US); **B25G 3/38** (2013.01 - EP US)

Citation (search report)
See references of WO 9424923A1

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

DOCDB simple family (publication)
WO 9424923 A1 19941110; DE 59306941 D1 19970821; EP 0647116 A1 19950412; EP 0647116 B1 19970716; US 5575033 A 19961119

DOCDB simple family (application)
EP 9301039 W 19930429; DE 59306941 T 19930429; EP 93909861 A 19930429; US 35637194 A 19941227