Title (en)
   SWEEPING UNIT.

Title (de)
   KEHRAGGREGAT.

Title (fr)
   UNITE DE BALAYAGE.

Publication
   EP 0587713 B1 19950927 (DE)

Application
   EP 92912344 A 19920609

Priority
   • DE 4118708 A 19910607
   • EP 9201294 W 19920609

Abstract (en)
   [origin: US5495638A] PCT No. PCT/EP92/01294 Sec. 371 Date Dec. 7, 1993 Sec. 102(e) Date Dec. 7, 1993 PCT Filed Jun. 9, 1992 PCT Pub. No.
   WO92/01275 PCT Pub. Date Dec. 10, 1992.A sweeping unit for a sweeping machine to clean a floor area, has a driven pair of closed loop sweeping
   belts for engaging the floor, the driven sweeping belts including a first portion fixed in position relative to a mounting platform and a second movable
   portion. First rollers constrain the first portions of the driven sweeping belts relative to the mounting platform, and second guide rollers, which are
   movable relative to the mounting platform, constrain the second portions of the belts, respectively. The width of the floor area that is swept when the
   sweeping machine moves in a working direction, is variable as the second guide rollers are moved manually or automatically. The sweeping unit
   may be combined with a scrubber device having similar width adjustment features.

IPC 1-7
   A47L 11/20; A47L 11/40; E01H 1/08; E01H 1/05

IPC 8 full level
   A47L 11/14 (2006.01); **A47L 11/20** (2006.01); **A47L 11/206** (2006.01); **A47L 11/24** (2006.01); **A47L 11/40** (2006.01); **E01H 1/05** (2006.01);
   E01H 1/08 (2006.01)

CPC (source: EP US)
   A47L 11/2065 (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US); **A47L 11/4047** (2013.01 - EP US); **A47L 11/4058** (2013.01 - EP US)

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

DOCDB simple family (publication)
   US 5495638 A 19960305; AT E128338 T1 19951015; AU 1976492 A 19930108; AU 667812 B2 19960418; CA 2110811 A1 19921210;
   CA 2110811 C 19981201; CN 1051126 C 20000405; CN 1067695 A 19930106; DE 4118708 C1 19920820; DE 59203856 D1 19951102;
   DK 0587713 T3 19960122; EP 0587713 A1 19940323; EP 0587713 B1 19950927; ES 2079193 T3 19960101; HU 217274 B 19991228;
   HU 9303461 D0 19940428; HU T70117 A 19950928; JP H06508046 A 19940914; RU 2077862 C1 19970427; WO 9221275 A1 19921210

DOCDB simple family (application)
   US 15717393 A 19931207; AT 92912344 T 19920609; AU 1976492 A 19920609; CA 2110811 A 19920609; CN 92104152 A 19920606;
   DE 4118708 A 19910607; DE 59203856 T 19920609; DK 92912344 T 19920609; EP 9201294 W 19920609; EP 92912344 A 19920609;
   ES 92912344 T 19920609; HU 9303461 A 19920609; JP 51104192 A 19920609; RU 93058480 A 19920609