

Title (en)

Floor polishing machine having an epicycloidal drive for the motion of the brushes.

Title (de)

Bohnermaschine mit epizykloidem Antrieb für die Bewegung der Bürsten.

Title (fr)

Cireuse-brosseuse à entraînement épicycloidal pour le mouvement des brosses.

Publication

EP 0051046 A1 19820505 (EN)

Application

EP 81830186 A 19811007

Priority

IT 2560180 A 19801027

Abstract (en)

A floor scrubbing and polishing machine provides for an epicyclic train for imparting to the brushes a sun-and-planet motion with respect to a central axis of symmetry, said epicyclic train including two driving members in form of coaxial gearwheels (2, 3). The machine further provides for brushes or brush sectors (20) that do not rotate about an axis, mounted between pairs of rotating brushes (6). One or more smaller rotating brushes (10) projecting outward and directly coupled to one of the driving members can be provided for cleaning the floor corners.

IPC 1-7

A47L 11/16

IPC 8 full level

A47L 11/16 (2006.01)

CPC (source: EP)

A47L 11/16 (2013.01); **A47L 11/4036** (2013.01); **A47L 11/4038** (2013.01); **A47L 11/4069** (2013.01)

Citation (search report)

- DE 1091302 B 19601020 - ROBERT SCHOETTLE, et al
- GB 1176903 A 19700107 - AUSTIN ALFRED SELWYN [NZ]
- FR 735156 A 19321104 - SUTER STRICKLER SOHNE

Cited by

EP1857034A1; GB2319888A; EP0845305A3; CN112061086A; US7416478B2; US7594616B2; WO2007044343A3

Designated contracting state (EPC)

AT BE CH DE FR LI

DOCDB simple family (publication)

EP 0051046 A1 19820505; IT 1134060 B 19860724; IT 8025601 A0 19801027

DOCDB simple family (application)

EP 81830186 A 19811007; IT 2560180 A 19801027