

Title (en)

Apparatus for washing curved glass sheet.

Title (de)

Vorrichtung zum Waschen von gebogenen Glasplatten.

Title (fr)

Dispositif pour laver des plaques de verre courbées.

Publication

**EP 0524838 A1 19930127 (EN)**

Application

**EP 92306813 A 19920724**

Priority

JP 21004591 A 19910726

Abstract (en)

Rotary washing units (40) are supported by a vertically movable and swingable frame (29) in a washing station S2. Each of the rotary washing units (40) comprises a vertical shaft (42) rotatable by a motor (41) and a washing disk of sponge or brush (43) mounted on the lower end of the shaft for contact with a curved glass sheet introduced into the washing station. The shafts of the rotary washing units are arranged in an array extending perpendicularly to the direction in which the curved glass sheet is fed through the washing station. The shafts are normally urged by respective springs to move downwardly to enable the washing disks to follow the configuration of largely curved glass sheets. The downward movement of the shafts is limited by stoppers. Rotative power from a motor is transmitted successively to the rotary washing units by a belt trained around pulleys on the respective shafts. The shafts are hollow to supply a washing solution therethrough to the surface of the curved glass sheet being washed, so that the washing solution can be supplied to the glass sheet fully over its entire surface area even though the glass sheet is curved. <IMAGE>

IPC 1-7

**B08B 1/04**

IPC 8 full level

**B08B 1/00** (2006.01); **B08B 11/04** (2006.01)

CPC (source: EP)

**B08B 1/30** (2024.01); **B08B 11/04** (2013.01)

Citation (search report)

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