

Title (en)
Element for steel radiators.

Title (de)
Glied für Stahlradiatoren.

Title (fr)
Élément pour radiateurs en acier.

Publication
EP 0158010 A1 19851016 (DE)

Application
EP 85100650 A 19850123

Priority
DE 8408599 U 19840321

Abstract (en)
1. Component for steel radiators which is produced by welding together two adjacent steel plates (1; 1'; 1''), each of which comprises in the area of each front end a boss (3), between the bosses at least two parallel channels (4; 4'; 4'') and between each two channels a longitudinal bead (5), which is welded to the adjacent longitudinal bead of the other steel plate, characterised in that one external side wall (7'), which is formed by a part of the external channels (4'), of the steel plate (1') is higher, overlaps a lower side wall (7''), which is formed by a part of the external channels (4''), of the other steel plate (1''), and is directly welded at its edge (6') to the adjacent external channel (4'') of the other steel plate (1''), thus forming a weld seam (9).

Abstract (de)
Das Glied besteht aus zwei aneinanderliegenden Stahlblechen (1). Jedes Stahlblech (1) weist im Bereich jeder Stirnseite eine Nabe (3), zwischen den Naben mindestens zwei parallel verlaufende Rinnen (4) und zwischen den Rinnen eine Längssicke auf. Die Längssicken (5) der Stahlbleche (1) und von einem Teil der äußeren Rinnen (4) gebildete äußere Seitenwände der Stahlbleche (1) sind mit ihrem Rand (6) unter Bildung einer runden Schweißnaht (9) direkt miteinander verschweißt.

IPC 1-7
F28F 21/08; F28D 1/053

IPC 8 full level
F28D 1/03 (2006.01); **F28D 1/053** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP)
F28D 1/0333 (2013.01); **F28F 21/088** (2013.01)

Citation (search report)
• [X] DE 312830 C
• [Y] CH 508860 A 19710615 - KORMANN ALFRED [DE]
• [Y] DE 2440184 A1 19760304 - ROENTGEN & CO
• [Y] DE 2327080 A1 19741219 - BAYRISCHES RADIATORENWERK GEBR
• [A] FR 411238 A 19100611 - ADOLFO GRANDI [IT], et al
• [A] DE 1904697 A1 19700820 - BUDERUS EISENWERK

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AT BE CH DE FR GB IT LI NL

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