

Title (en)
Cooled crown for electric furnaces.

Title (de)
Gekühlter Deckel für Elektroöfen.

Title (fr)
Couvercle refroidi pour fours électriques.

Publication
EP 0063549 A1 19821027 (EN)

Application
EP 82830070 A 19820324

Priority
IT 8336081 A 19810414

Abstract (en)
This invention concerns a cooled crown (20) for electric furnaces which consists of a plurality of tubular elements and comprises in mutual cooperation and coordination: - a carrying structure (21) consisting of at least one outer, tubular, perimetric element (24) and of an inner, tubular element (25), whereby the two elements (24-25) are connected hydraulically to each other by appropriate tubular risers (46), - a plurality of panels (22) to cool the crown, whereby said cooling panels (22) consist substantially of two primary manifolds (26-27) and of a plurality of tubes (28), - a cap (23) consisting of supporting means which circulate fluid (50), - and a possible cooling coil (33) which cooperates with the inner tubular element (25).

IPC 1-7
F27D 1/18

IPC 8 full level
F27D 1/18 (2006.01)

CPC (source: EP)
F27D 1/1816 (2013.01)

Citation (search report)

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