Hand held hot air blower.

The gun or blower is of the type useable for blistering paint on a painted surface for easing the removal of paint thereof has a housing (2, 3) with internal brackets (24a-b, 25a-e, 25a-c, 27a-e, 28a-e, 30a-c, 31a-e, 50a-b) supporting and retaining a switch assembly (36), a circuit board (51), a motor (69) having an impeller (40), a motor mount (101), a shroud (41) surrounding the impeller (40), and a heating element (11). The internal brackets supporting these elements are configured so as to provide a number of air passages (60, 61a-b, 62a-b, 63) between the elements and the interior wall of the housing. In addition to drawing air through a rear portion (38) of the gun, air is drawn through an annular opening (14a) in the front of the gun between the cover (12) for the heating element (11) and the housing (2, 3). The air thus passes over the covered heating coil (212) and is preheated before being blown by the impeller (40) directly over the coil (212) for primary heating. At least one wave-like flange (53) is received between spaced interior brackets (25a-b) in the housing for providing a press fit of the components between the two housing halves (2, 3) thus eliminating the need for mechanical fasteners for mounting the components of the gun.
### EUROPEAN SEARCH REPORT

**Application number**

0170974

**EP 85 10 9230**

### DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document with indication, where appropriate, of relevant passages</th>
<th>Relevant to claim</th>
<th>CLASSIFICATION OF THE APPLICATION (Int. Cl.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A,D</td>
<td>US-A-3 094 606 (E.W. FERRIS) * Column 1, line 56 - column 2, line 37 *</td>
<td>1,3-5</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>US-A-1 932 703 (B.J. MANLYSO) * Page 1, lines 41-93 *</td>
<td>1,23</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>DE-A-2 843 366 (BRAUN) * Page 4, below - page 5, below *</td>
<td>1,23</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>GB-A- 803 329 (P.C. COX) * Page 1, line 67 - page 2, line 62 *</td>
<td>1</td>
<td>B 44 D F 24 H H 05 B</td>
</tr>
<tr>
<td>A</td>
<td>DE-A-3 130 240 (M. KRAH) * Claim 1 *</td>
<td>23</td>
<td></td>
</tr>
</tbody>
</table>

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**THE PRESENT SEARCH REPORT HAS BEEN DRAWN UP FOR ALL CLAIMS**

**Place of search**: THE HAGUE  
**Date of completion of the search**: 15-10-1986  
**Examiner**: FRIDEN N.

### CATEGORY OF CITED DOCUMENTS

- **X**: particularly relevant if taken alone
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