

12 **EUROPEAN PATENT APPLICATION**

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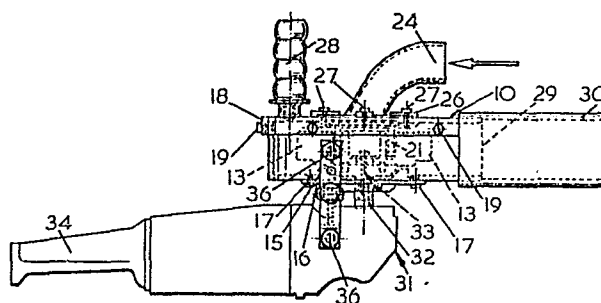
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54 **Shot blasting machinery.**

57 A shot blasting machine is dimensioned and adapted so that it can be hand-held by a worker during a shot blasting operation. The machine includes an abrasive throwing wheel assembly (11) which is housed within a hood (10) both of which are preferably formed of a plastics material such as an elastomeric polyurethane. The hood has a peripheral opening (29) through which abrasive is directed by the throwing wheel assembly (11). A driving motor (31) external and to one side of the hood (10) is connected to the abrasive throwing wheel assembly to rotate the latter. The other side of the hood is formed with an abrasive inlet through which the abrasive is fed into the throwing wheel assembly (11). Handles (28, 34) are preferably provided on both the hood (10) and the driving motor (31) to assist the worker in supporting and guiding the machine during operation. Abrasive is preferably fed to the shot blasting machine from an overhead abrasive supply system from which the shot blasting machine is suspended by supporting cables or the like. The abrasive may be gravity fed to the shot blasting machine or it may be fed to the shot blasting machine through a screw conveyor arrangement.





European Patent
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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	GB-A-2 090 553 (KENNECOTT) * claim 1; pages 2-8; figures 1-10, 12, 13 *	1,5,6, 10,13, 18,19, 23	B 24 C 3/06
A	---	16,17, 25	
X	US-A-4 132 039 (GILBERT et al.) * column 2, lines 61-68; column 4, line 26 - column 5, line 14; figures 1-3 *	1,18	
A	---	9,16, 24	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	US-A-4 057 938 (ROHLFS) * column 1, lines 44-62; figure 1 *	1,8,9	B 24 C 3/00 B 24 C 5/06
A	US-A-2 263 321 (UNGER) * figures 1, 4 *	1,5-7	
A	US-A-3 827 188 (FUMA et al.) * claim 1; figure 1 *	1,10	
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 21-01-1987	Examiner MARTIN A E W
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			



DOCUMENTS CONSIDERED TO BE RELEVANT			Page 2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	GB-A- 839 265 (ASHWORTH) * figures 1-4 *	1	
A	--- US-A-4 165 586 (FRICKE) * column 2, lines 20-22 *	2	
A	--- US-A-3 401 489 (WERN) * claims 1, 2; column 3, lines 7-12 *	2,4	
A	--- US-A-3 660 943 (BARNTHOUSE) * claims 4, 5; figure 3 *	3,4	
A	--- US-A-4 395 851 (WATTS) * column 3, lines 15-19; figure 2 *	6,7	
A	--- FR-A-2 453 712 (VIADA) * page 4, lines 21-31; figures 1-3 *	25	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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