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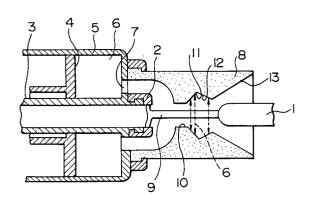
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(54) Gas blast circuit breaker.

(9) A gas blast circuit breaker comprises an insulation nozzle (8) for blowing extinguishing gas to an arc (9) generated between a stationary contact (1) and a movable contact (2). The nozzle (8) has a throat section (10) into and out of which one of the two contacts (1, 2) is movable and a divergent section (13) provided downstream of the throat section (10). A slanting surface (11) for increasing a reflectivity of energy intensity of the arc (9) is formed on the divergent section (13) of the nozzle (8). The nozzle (8) is formed of a fluoroplastic material and boron nitride powder not more than 15 vol.% added as a filler.







EUROPEAN SEARCH REPORT

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	OCUMENTS CONSI		1	
ategory		th indication, where appropriate, vant passages		vant CLASSIFICATION OF THE laim APPLICATION (Int. CI.5)
Α	FR-A-2 072 457 (MAGRIN * claim 1; figure 1 * *	I-FABBRICHE)	1	H 01 H 33/70
D,A	EP-A-0 135 158 (HITACHI * figures 17,19 * *	 LTD)	1	
Α	EP-A-0 191 465 (HITACHI * page 5, line 16 - line 36 * * abstract; figures 1-3 * *)	1	
Α	DE-A-3 535 194 (SPRECH * page 6, paragraph 3 * *	IER & SCHUH)	1	
Α	FR-A-2 473 777 (SPRECH * page 3, line 15 - line 36 * * 	-	1	
				TECHNICAL FIELDS SEARCHED (Int. CI.5) H 01 H
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	Place of search	Date of completion of	search	Examiner
	The Hague	18 February 9		JANSSENS DE VROOM P
Y: A: O: P:	CATEGORY OF CITED DOCU particularly relevant if taken alone particularly relevant if combined wit document of the same catagory technological background non-written disclosure intermediate document theory or principle underlying the in	JMENTS h another	E: earlier paten the filing date D: document cit L: document cit	t document, but published on, or after